


# L-Shaped Angles

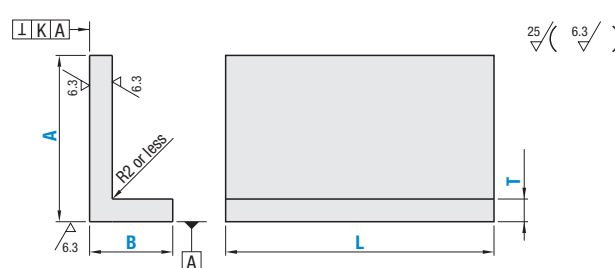
## Outer Side Datum, Configurable Type



**L-Shaped Angles – Outer Side Datum, Configurable Type**

RoHS 10

Type	Material
LAS	1018 Carbon Steel or Equivalent
LASC	1049 Carbon Steel
LAA	6063 Aluminum Alloy
LAU	304 Stainless Steel



Technical drawing showing dimensions: A, B, L, T, and surface finish  $25 \sqrt{6.3}$ . Includes a note:  $R2$  or less.

**Tolerance**

	T	A	B	L
L: Up to 300	$\pm 0.3$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$
L301-	$\pm 0.5$	$\pm 0.7$	$\pm 0.7$	$\pm 0.5$

Type	T	1 mm Increment		
		A	B	L
LAS	5	20-75	20-75	25-300
	6			
	10	25-125	25-125	25-500
	12	50-125	50-125	50-500
LASC	5	20-75	20-70	25-300
	6			
	10	25-125	25-70	25-500
	15	50-125	50-70	
LAA	5	20-75	20-75	25-300
	6			
	10	25-100	25-100	25-500
	15	50-125	50-125	
LAU	5	25-75	25-75	25-300
	6			
	10	50-100	50-100	25-200

T Dimension	Longitudinal Dimension of A and B	Perpendicularity k			
		LAS, LASC, LAA			LAU
		L-300	L301-400	L401-500	L-300
5 6	Min. -75	0.05	—		0.05
8	76-90	—			
10	Min. -50	0.05	0.2	0.25	—
	51-80		0.25	0.35	0.15
12 15	Min. -80	0.05	0.3	0.35	—
	81-125		0.1	0.3	
15	126-150	0.35	0.4	0.5	—

**Part Number Example**

Part Number - A - B - L

LAS5 - A25 - B25 - L100

**Part Number Alterations**


Part Number - A - B - L - (CKC, CCA, CCB, etc.)

LAS10 - A100 - B50 - L200 - CKC

Alterations	Corner Cut	Inner Perpendicularity Guaranteed	Side Perpendicularity Guaranteed
	Code	CCA / CCB / CCC / CCD	FC
Spec.	Any corner can be cut. $1 \leq$ Corner Cut $\leq 30$ . Specify in 1 mm Increment. Ordering Code: (Ex.) When A and D are to be cut with C5 $\rightarrow$ CCA5-CCD5	Guarantees the inner vertical plane perpendicularity to the datum plane A. Ordering Code: FC	Both sides of dimension L are machined to be perpendicular to surface A. Ordering Code: CKC

# L-Shaped Angles

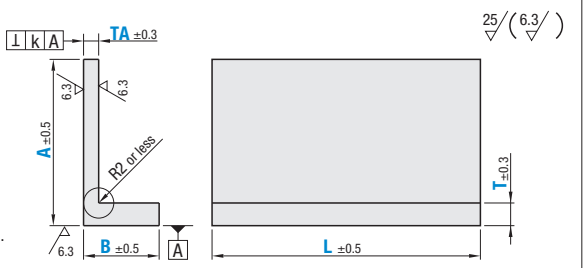
## Outer Side Datum, Thickness Selectable Type



**L-Shaped Angles – Outer Side Datum, Thickness Selectable Type**

RoHS 10

Type	Material
LAST	1018 Carbon Steel or Equivalent
LACT	1049 Carbon Steel
LAAT	6063 Aluminum Alloy



Technical drawing showing dimensions: A, B, L, T, TA, and surface finish  $25 \sqrt{6.3}$ . Includes a note:  $R2$  or less.

**Tolerance**

	T	A	B	L
L: Up to 300	$\pm 0.3$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$
L301-	$\pm 0.5$	$\pm 0.7$	$\pm 0.7$	$\pm 0.5$

Type	Specified in 0.5 mm inc.			1 mm Increment		
	T / TA	A	B	L	A	B
LAST	4.0-10.0	20-75	20-75	25-200	20-75	20-75
	10.5-15.0	20-150	20-150	25-300	20-150	20-150
LACT	4.0-10.0	20-100	20-70	25-200	20-100	20-70
	10.5-15.0	20-100	20-70	25-300	20-100	20-70
LAAT	4.0-10.0	20-75	20-75	25-200	20-75	20-75
	10.5-15.0	20-125	20-125	25-300	20-125	20-125

Longitudinal Dimension of A & B	Perpendicularity k
76-125	0.1 or Less
126-150	0.2 or Less

**Part Number Example**

Part Number - TA - A - B - L

LAST10 - 8 - A50 - B55 - L100

Part Number	A	B	Available Types																			
			T/TA of 4 through 6				T/TA of 6.5 through 10				T/TA of 10.5 through 12				T/TA of 12.5 through 15							
			Min. L-50	L51-100	L101-150	L151-200	Min. L-50	L51-100	L101-150	L151-200	Min. L-50	L51-100	L101-150	L151-200	L201-250	L251-300	Min. L-100	L101-150	L151-200	L201-250	L251-300	
LAST 1018 Carbon Steel or Equivalent	20-50	20-50	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	51-75	51-75	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	76-100	76-100	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
101-125	101-125	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
LACT 1049 Carbon Steel or Equivalent	20-50	20-50	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	51-75	51-75	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	76-100	76-100	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
101-125	101-125	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
LAAT 6063 Aluminum Alloy	20-50	20-50	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	51-75	51-75	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	76-100	76-100	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
			101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
101-125	101-125	20-50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		51-75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		76-100	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
		101-125	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

**Part Number Alterations**

Part Number - TA (TAC) - A - B - L - (CKC, etc.)

LAST10 - 8 - A50 - B55 - L100 - CKC

Alterations	Corner Cut	Inner Perpendicularity Guaranteed	Side Perpendicularity Guaranteed	TA Dimension Change
	Code	CCA / CCB / CCC / CCD	FC	CKC
Spec.	Any corner can be cut. $1 \leq$ Corner Cut $\leq 30$ . Specify in 1 mm Increment. Ordering Code: (Ex.) When A and D are to be cut with C5 $\rightarrow$ CCA5-CCD5	Guarantees the inner vertical plane perpendicularity to the datum plane A. Ordering Code: FC	Both sides of dimension L are machined to be perpendicular to surface A. Ordering Code: CKC	Plate thickness TA can be changed within the following range. $\odot$ Machining Limits T = from 10.5 to 15 Ordering Code: LAST11-TAC9-A120-B100-L150