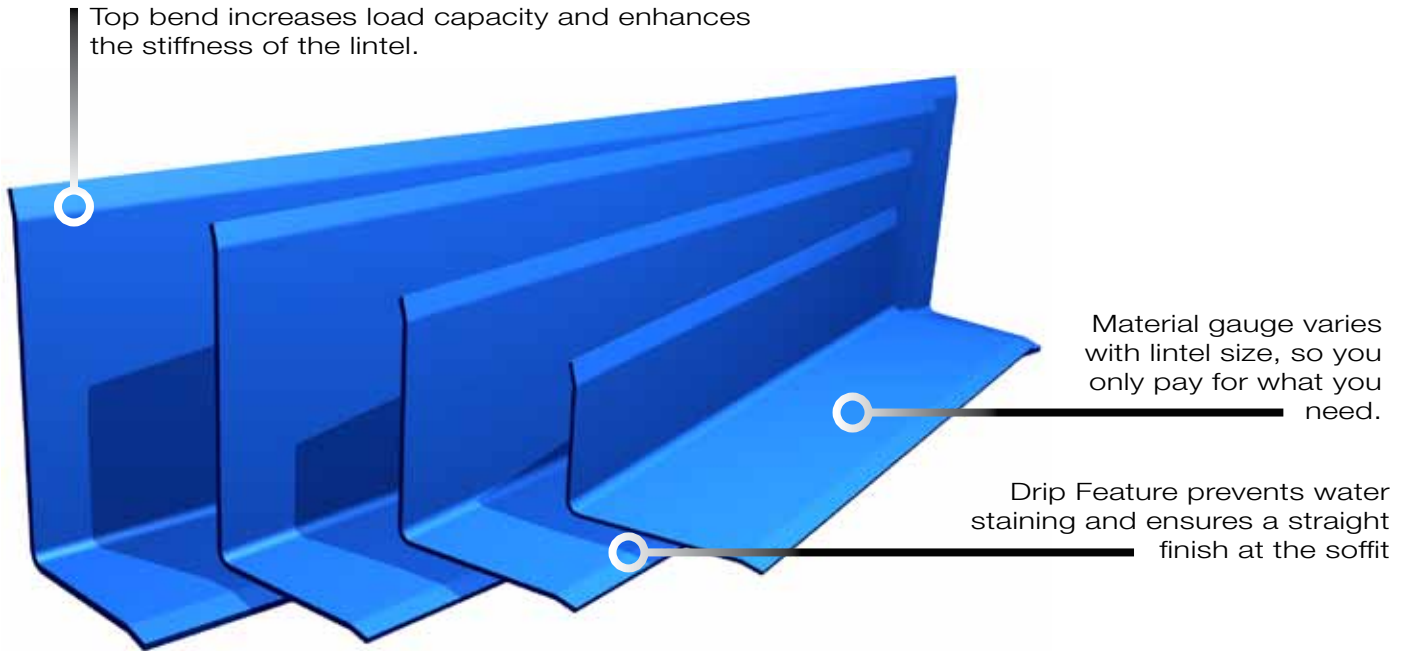


Brick Support Angles

SL Lintel Range



'SL lintels are economic brick support angles for straightforward single leaf support applications ... Manufactured standard in LDX2101® Stainless Steel'

They are available in a large range of standard sizes (right) to accommodate most applications, but can also be manufactured to other dimensions!

We also manufacture a range of standard structural sections in LDX 210®, including standard dimension angles...

- see page 76

LDX 2101®

- Over 25x the corrosion resistance of zinc...

...all the way through!!

Standard SL Lintels & Technical Information

	Nominal Wall (mm)	SPECIFY	Overall Width (mm)	Overall Height (mm)	Steel Gauge (mm)	Mass (kg/m)	J (mm ⁴)	Ixx (cm ⁴)	Zxx (cm ³)
SL7 Lintels	50mm	SL7-50	51	71	3.0	2.7	1,071	19	3.8
	75mm	SL7-75	76	71	3.0	3.3	1,296	18	3.4
	100mm	SL7-100	95	70	2.0	2.5	435	15	2.8
	125mm	SL7-125	120	70	2.0	2.9	501	16	2.8
SL11 Lintels	50mm	SL11-50	50	110	3.0	3.6	1,613	61	8.7
	75mm	SL11-75	75	110	3.0	4.4	1,865	71	9.3
	100mm	SL11-100	96	111	3.0	4.6	1,836	78	9.7
	125mm	SL11-125	120	110	3.0	5.2	2,043	82	10.1
SL15 Lintels	50mm	SL15-50	50	152	4.0	6.0	4,826	193	20.9
	75mm	SL15-75	75	152	4.0	6.8	5,424	222	22.4
	100mm	SL15-100	95	152	3.0	5.6	2,196	183	17.8
	125mm	SL15-125	120	152	3.0	6.2	2,430	198	18.3
SL17 Lintels	50mm	SL17-50	55	171	5.0	8.3	10,547	326	31.4
	75mm	SL17-75	80	171	5.0	9.3	11,713	374	34.0
	100mm	SL17-100	95	171	4.0	8.0	5,589	331	29.1
	125mm	SL17-125	120	171	4.0	8.8	6,165	359	30.2
SL19 Lintels	50mm	SL19-50	56	193	6.0	11.0	20,079	546	47.4
	75mm	SL19-75	81	193	6.0	12.2	22,095	622	51.0
	100mm	SL19-100	98	193	5.0	10.8	11,833	559	44.0
	125mm	SL19-125	123	193	5.0	11.8	12,958	605	45.9
SL21 Lintels	50mm	SL21-50	(not available)						
	75mm	SL21-75	(not available)						
	100mm	SL21-100	95	211	6.0	14.0	21,600	882	65.4
	125mm	SL21-125	123	214	6.0	15.1	23,832	957	66.9

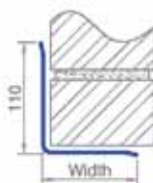
Lighter duty lintels
↑
↓
Heavier duty lintels

We can manufacture many variations of these lintels, supplied as standard in LDX2101® Stainless Steel. Call 01206 79 2001 to inquire or visit www.stainless-lintels.co.uk

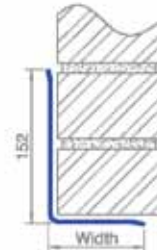
SL Lintel Range



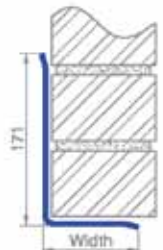
SL7



SL11



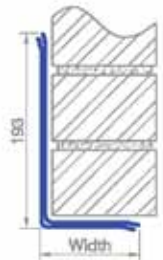
SL15



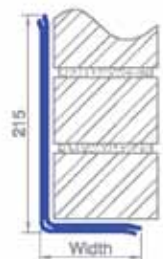
SL17

Allowable evenly distributed load (kN), for the SL Lintels Range

Opening Span (mm)	Lintel std length (mm)	SL7	SL11	SL15	SL17	SL19	SL21	Example Load Scenario (see page 85 for details)
600	900	2.0	5.7	7.5	15.7	26.4	48.5	
750	1050	1.7	4.8	6.2	13.1	22.0	40.4	
900	1200	1.3	4.1	5.4	11.2	18.8	34.6	
1050	1350	1.0	3.6	4.7	9.8	16.5	30.3	
1200	1500	0.8	3.2	4.2	8.7	14.7	26.9	
1350	1650	0.6	2.9	3.7	7.8	13.2	24.2	
1500	1800	0.5	2.6	3.4	7.1	12.0	22.0	
1650	1950		2.4	3.1	6.5	11.0	20.2	Suitable for supporting a full height of typical masonry
1800	2100		2.2	2.6	6.0	10.1	18.6	
1950	2250		1.9	2.3	5.6	9.4	17.3	
2100	2400		1.7	2.0	5.1	8.8	16.2	
2250	2550		1.5	1.7	4.5	8.2	15.1	
2400	2700		1.3	1.5	3.9	7.8	14.3	
2550	2850		1.2	1.4	3.5	7.3	13.5	
2700	3000		1.0	1.2	3.2	6.5	12.1	
2850	3150		0.9	1.1	2.8	5.9	10.9	
3000	3300			1.0	2.6	5.3	9.9	Suitable for supporting a full height of lightweight (aerated) masonry
3150	3450			0.9	2.4	4.9	9.0	
3300	3600				2.2	4.5	8.3	
3450	3750				2.0	4.1	7.6	
3600	3900					3.8	7.0	Suitable for supporting up to 6 courses of standard (100mm) bricks or up to 2 courses of standard (up to 140mm) blocks.
3750	4050					3.5	6.5	
3900	4200						6.0	
4050	4350						5.6	
		Applications without a load shown are not recommended						
Max moment (kN.m):		0.17	0.39	0.70	1.47	2.47	4.54	
Max point load (kN):		0.60	1.38	2.50	5.23	8.79	16.16	



SL19



SL21

Notes: Intermediate Lengths can also be manufactured. Dependant on material availability, SL19 & SL21 lintels may be laminated from two lighter gauge sheets, and lighter gauge lintels may be manufacturing in a heavier material. Please advise when placing an order if the material gauge or lintel weight are important. Stated load capacity and dimensions (other than thickness) are unaffected. For the installation guide, see page 79.

Options for SL Lintels

SL Lintels can be made with base dimensions other than those listed, variations to any dimension between 50mm and 140mm will have the load capacity listed provided the supported masonry is not more than 140mm thick and fits close to the upright.

They can also be made without the drip feature if required, suffix 'F'.

An example specification is shown to the left - items in blue can be customised!

