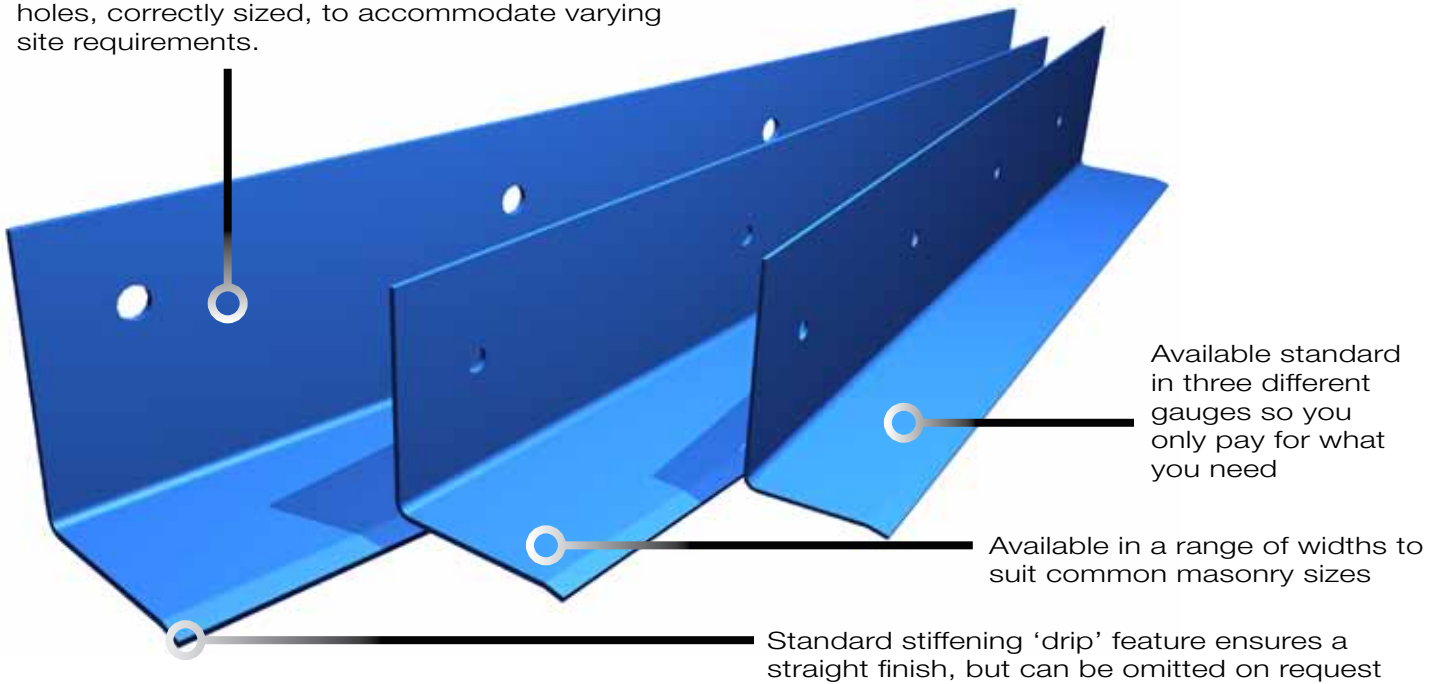


## Simple brick support shelves

# SLB Lintel Range

Supplied with double the number of required holes, correctly sized, to accommodate varying site requirements.



Available standard in three different gauges so you only pay for what you need

Available in a range of widths to suit common masonry sizes

Standard stiffening 'drip' feature ensures a straight finish, but can be omitted on request

**LDX 2101® stainless steel** is supplied standard with a smoother surface finish than grade 304 stainless steel commonly used for lintels, and is often left exposed for aesthetic effect...

SLB angles offer a simple, ready-to-go solution for many masonry support applications, and are supplied standard in LDX2101® stainless steel, suitable for both internal and external applications.

### Standard Lintels & Technical Information

	Nominal Wall	SPECIFY (standard)	Width (mm)	Height (mm)	Gauge (mm)	Mass (kg/m)	Ixx (cm <sup>4</sup> )	Zxx (cm <sup>3</sup> )
<b>SLB10 Lintels</b>	50mm	SLB10-50	50	110	2.0	2.4	41.14	5.794
	75mm	SLB10-75	70	110	2.0	2.7	46.29	6.172
	90mm	SLB10-90	85	110	2.0	2.9	49.45	6.340
	100mm	SLB10-100	95	110	2.0	3.1	51.29	6.492
	115mm	SLB10-115	110	110	2.0	3.3	53.73	6.633
	125mm	SLB10-125	120	110	2.0	3.5	55.18	6.648
<b>SLB12 Lintels</b>	50mm	SLB12-50	50	110	3.0	3.6	61.34	8.763
	75mm	SLB12-75	71	110	3.0	4.1	69.50	9.267
	90mm	SLB12-90	86	110	3.0	4.4	74.22	9.639
	100mm	SLB12-100	97	110	3.0	4.7	77.24	9.777
	115mm	SLB12-115	112	110	3.0	5.0	80.86	9.983
	125mm	SLB12-125	122	110	3.0	5.3	83.01	10.124
<b>SLB14 Lintels</b>	50mm	SLB14-50	48	145	4.0	5.8	167.5	19.03
	75mm	SLB14-75	73	145	4.0	6.5	194.3	20.67
	90mm	SLB14-90	88	145	4.0	7.0	207.5	21.17
	100mm	SLB14-100	97	145	4.0	7.3	214.7	21.69
	115mm	SLB14-115	112	145	4.0	7.7	225.4	22.10
	125mm	SLB14-125	122	145	4.0	8.0	231.9	22.30

All holes start 75mm from the left end unless requested otherwise; see the drawings opposite for dimensional information.

We also produce a range of standard structural sections from LDX2101®, including standard dimension angle sections

- see page 76

Many variations are possible, we can even hide the lintel with Feature Brick options! (see page 74) - All standard in LDX2101® Stainless Steel. Call 01206 79 2001 to discuss or visit [www.stainless-lintels.co.uk](http://www.stainless-lintels.co.uk)

# SLB Lintel Range



## SLB10

Maximum Allowable Distributed load:	3.0 kN/m
Fastener recommended working capacity (Tension):	1.8 kN
Fastener recommended working capacity (Shear):	2.0 kN
Fastener maximum spacing at maximum load:	450 mm

As a loading example, we allow approximately 2.2kN per vertical square meter of 100mm brick work, so this lintel could support a brick height of up to 1.3 meters



## SLB12

Maximum Allowable Distributed load:	10.0 kN/m
Fastener recommended working capacity (Tension):	6.0 kN
Fastener recommended working capacity (Shear):	6.7 kN
Fastener maximum spacing at maximum load:	450 mm

As a loading example, this lintel could support up to 4.5 vertical meters of standard 100mm brick, or up to 4 square meters of typical domestic timber floor per meter run.



## SLB14

Maximum Allowable Distributed load:	24.0 kN/m
Fastener recommended working capacity (Tension):	9.6 kN
Fastener recommended working capacity (Shear):	18.0 kN
Fastener maximum spacing at maximum load:	450 mm

Generally for heavier duty applications.

### Standard Lengths (mm)

- 600
- 750
- 900
- 1050
- 1200
- 1350
- 1500
- 1650
- 1800
- 1950
- 2100
- 2250
- 2400
- 2550
- 2700
- 2850
- 3000
- 3150
- 3300
- 3450
- 3600
- 3750
- 3900
- 4050
- 4200
- 4350
- 4500
- 4650
- 4800
- 4950

Note: Intermediate Lengths can also be manufactured, with no additional cost or lead time

## OPTIONS

These lintels can be customised to better suit your application, such as:

- Other widths (widths > 125mm will have reduced capacity)
- Different hole diameters or positioning (specify with order)
- Plaster key on the base (suffix /P)
- Available without the drip feature (suffix /S)



**SLB 14 - 70 / P / S**

- 'S' for 'solid' wall construction
- 'L' For the Section Form Shape
- 'B' for Bolted to support behind
- The nominal height of the section in mm
- Required Nominal Base Width
- 'P' for plaster key base
- 'S' for straight base (no drip)

### POINT LOADS:

Any point loads should be applied near to the web of the section, spread over at least 50mm wide, should not exceed half the allowable load per meter and should not cause the total load to exceed the stated allowable load.

### INSTALLATION NOTES

Supported masonry immediately above must be laterally restrained (such as with brick ties) to standard construction practice, and allowed to cure before applying the full load. Maximum permissible masonry thickness is 125mm. These brick support angles may alternatively be installed upside down, but load capacity is reduced by half in this situation. We can supply brick support angles specially designed for a range of applications on request.