

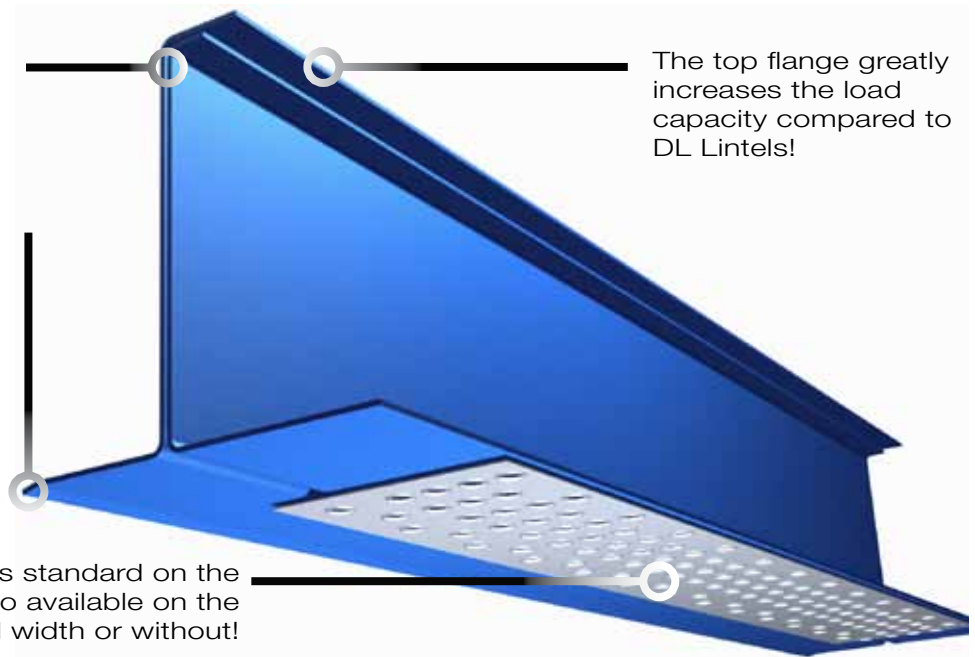
DC Lintel Range

Top flange height is set to match standard mortar joints

The top flange greatly increases the load capacity compared to DL Lintels!

Drip feature is standard on the outer, but can be left out on request

Plaster key is standard on the inner, but is also available on the outer, full width or without!

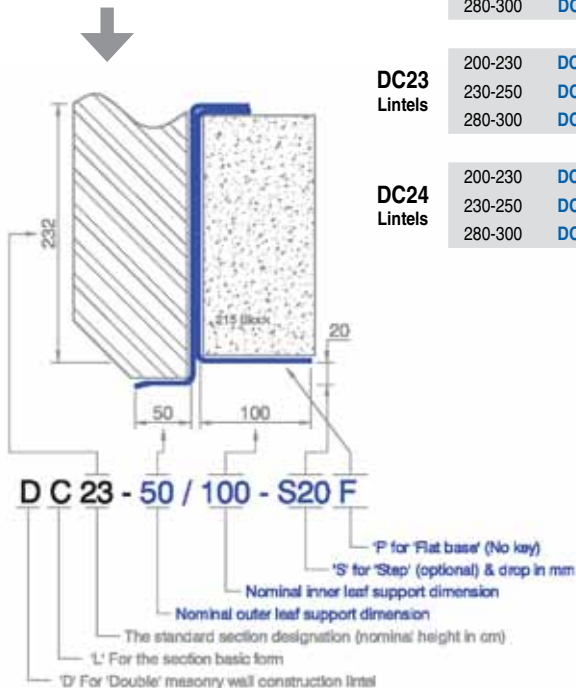


DC lintels are a heavier alternative to the DL range - suitable for solid walls with wider inner leaves or heavier loads;

Standard lintels & technical information

	Nominal Wall (mm)	SPECIFY	OUTER (mm)	INNER (mm)	Width (mm)	Height (mm)	Gauge (mm)	Mass (kg/m)	Ixx (cm ⁴)	Zxx (cm ³)
DC15 Lintels	200-230	DC15-100/100	95	100	201	157	3.0	14.4	715.1	81.26
	230-250	DC15-100/125	95	125	226	157	3.0	14.4	690.7	73.48
	280-300	DC15-100/175	95	175	276	157	3.0	15.8	769.5	79.33
DC23 Lintels	200-230	DC23-100/100	95	100	201	232	3.0	17.2	1,647	124.8
	230-250	DC23-100/125	95	125	226	232	3.0	17.2	1,585	124.8
	280-300	DC23-100/175	95	175	276	232	3.0	20.0	2,084	178.1
DC24 Lintels	200-230	DC24-100/100	95	100	201	233	4.0	22.8	2,177	163.7
	230-250	DC24-100/125	95	125	226	233	4.0	22.8	2,097	149.8
	280-300	DC24-100/175	95	175	276	233	4.0	26.6	2,755	204.1

OPTIONS FOR DC LINTELS

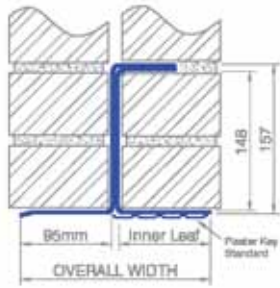


As usual, these lintels have numerous available options, and remember lead time is not affected, so don't hesitate to specify options if you want something slightly different. Customisable features are shown in blue to the left:

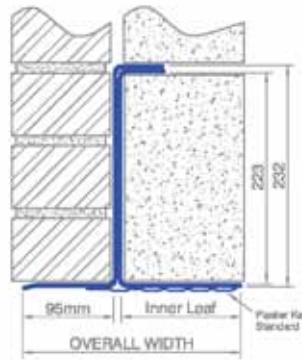
- Add '/F' for 'flat base' if you do not require plaster key
- Add '/S' and a drop measurement to create a step
- Either leaf support dimension can be customised (Lintels of total width <150mm may have reduced load capacity)
- The Drip features can be left off; specify on your order to leave one or both drip features off. (note that drip features assist in creating a neat straight soffit)

Extras such as bolted connections, feature brick, curves & corners can all be accommodated - all standard in LDX2101® Stainless Steel. Call 01206 79 2001 to discuss or visit www.stainless-lintels.co.uk

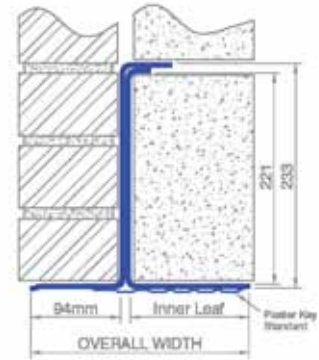
DC Lintel range



DC15



DC23



DC24

Allowable Load (kN) for UNRESTRAINED DC Lintels

Opening Span (mm)	Lintel std length (mm)	DC15	DC23	DC24	loading Example*
600	900	52.3	63.4	118.3	
750	1050	52.3	63.4	118.3	
900	1200	52.3	63.4	118.3	masonry & concrete floor or masonry & tiled roof
1050	1350	40.7	55.1	118.3	
1200	1500	32.1	43.5	102.1	
1350	1650	26.0	35.2	82.7	
1500	1800	21.5	29.1	68.3	
1650	1950	18.1	24.5	57.4	
1800	2100	15.4	20.8	48.9	
1950	2250	13.3	18.0	42.2	masonry & timber floor
2100	2400	11.6	15.7	36.8	
2250	2550	10.2	13.8	32.3	
2400	2700	9.0	12.2	28.6	
2550	2850		10.9	25.5	
2700	3000		9.8	22.9	full height masonry
2850	3150		8.8	20.7	
3000	3300			18.8	
3150	3450			17.1	
3300	3600			15.6	440mm of masonry
3450	3750			14.4	
3600	3900			13.2	
Permissible Moment (kN.m):		14.7	24.9	29.9	
Permissible Point Load (kN):		13.1	15.9	29.6	

Allowable Load (kN) for RESTRAINED DC Lintels

Opening Span (mm)	Lintel std length (mm)	DC15	DC23	DC24	Loading Example*
600	900	52.3	63.4	118.3	
750	1050	52.3	63.4	118.3	
900	1200	52.3	63.4	118.3	
1050	1350	52.3	63.4	118.3	
1200	1500	52.3	63.4	118.3	masonry & concrete floor or masonry & tiled roof
1350	1650	52.3	63.4	106.5	
1500	1800	47.5	63.4	96.8	
1650	1950	43.5	63.4	88.7	
1800	2100	40.2	63.4	81.9	
1950	2250	37.3	63.4	76.1	
2100	2400	34.8	59.1	71.0	
2250	2550	32.7	55.5	66.6	
2400	2700	30.7	52.2	62.6	
2550	2850	29.0	49.3	59.2	
2700	3000	27.0	46.7	56.0	
2850	3150	24.2	44.4	53.2	masonry & timber floor
3000	3300	21.8	42.2	50.7	
3150	3450	19.8	40.3	48.4	
3300	3600	18.0	38.6	46.3	
3450	3750	16.5	37.0	44.4	
3600	3900	15.2	34.8	42.6	
3750	4050	14.0	32.1	41.0	full height masonry
3900	4200		29.6	39.2	
4050	4350		27.5	36.4	
4200	4500		25.6	33.8	
4350	4650		23.8	31.5	440mm of masonry
4500	4800			29.4	
Permissible Moment (kN.m):		14.7	24.9	29.9	
Permissible Point Load (kN):		13.1	15.8	29.6	

Note: Our loads correspond the clear span, rather than the lintel length; 150mm bearings are standard but lintels can be manufactured at any intermediate lengths on request, and lead times are unaffected.

LOADING NOTES:

"Restrained" applications are those where the lintel is effectively restrained against twisting and lateral movement all along its length, not just at the bearings. In some instances of shorter spans, fully cured masonry may provide this restraint; at the discretion of a structural engineer. If unsure, the "Unrestrained" load values should be used

*Refer page 85 for exact details, values and description of our given loading examples.

For installation guide see page 79