

# Galintel®



- > Convenient 'off-the-shelf' engineering solution – No need to wait and fabricate
- > Header flange pre-drilled & galvanised for timber fixing
- > Bottom flange pre-drilled & galvanised for column connection
- > Innovative and efficient design
- > Up to 20% lighter than built-up steel sections
- > Fully hot-dip galvanised including ends (600 g/m<sup>2</sup>)
- > Standard range of lengths
- > Engineered and university tested
- > 25 year performance warranty
- > R3 durability rating

## Galintel® J-Bar

The Galintel® J-Bar Shelf Beam is the ideal solution for cavity walls, either double brick or brick veneer with timber trusses.

The J-Bar was developed in response to demand from builders for an economical substitute for built-up steel sections such as parallel flange channel and plate.

Similar to a T-Bar but with a special top flange incorporated into the upright section, the Galintel® J-Bar provides an off-the shelf solution for cavity walls and is hot-dip galvanised, fully engineered and university tested.

Available from leading hardware stores and specialist lintel suppliers, the J-Bar is a convenient alternative to custom-made beams such as PFC and flat plate, which have to be fabricated and galvanised.

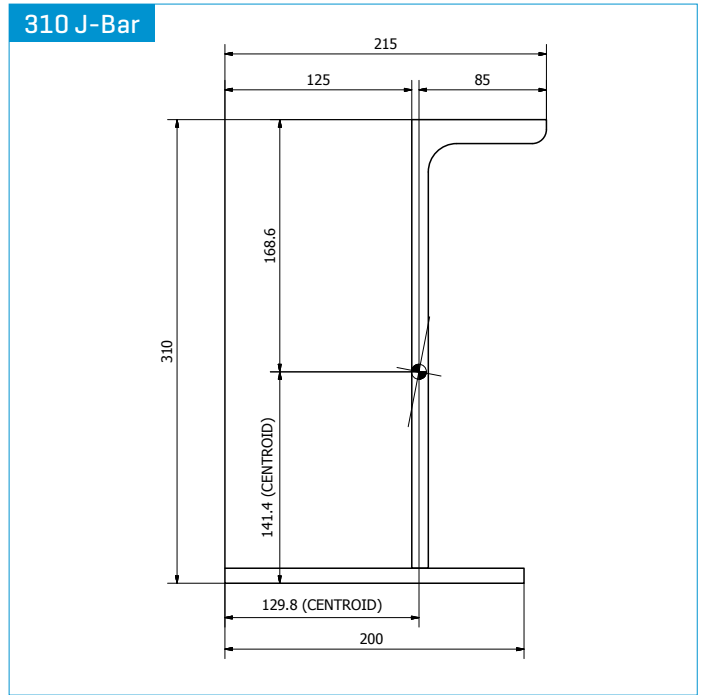
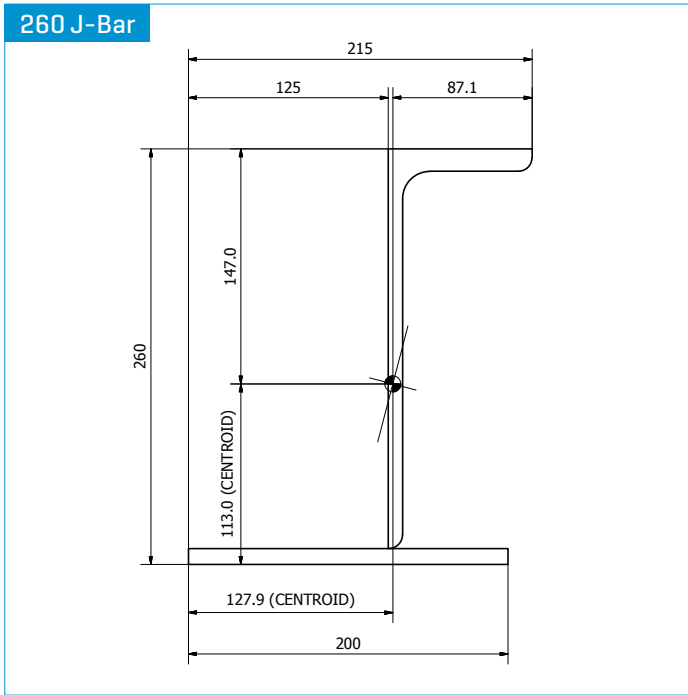
As with all quality Galintel® products, the J-Bar Shelf Beam is provided with a full product warranty and safe load tables.

The Galintel® brand is your guarantee of quality, performance and code compliance.

1800 546 835

[www.galintel.com.au](http://www.galintel.com.au)





## Galintel® J-Bar Safe Load Tables

Vertical Leg 260 x 90 Platform Leg 200 x 10 Mass 45 kg/m (Hot-Dip Galvanised Finish)

Span (mm)	3900	4200	4500	4800	5100	5400	5700	6000
Bar Length (mm)	4200	4500	4800	5100	5400	5700	6000	6300
UDL (kg/m)	2895	2370	1865	1370	1210	1080	865	740
Point Load (kg)	7065	6130	5230	4330	3990	3690	3170	2850

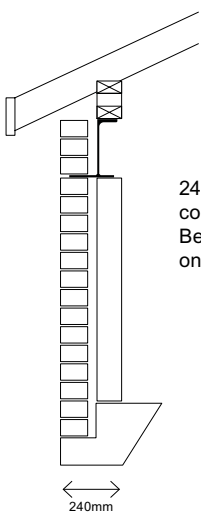
Loads limited by deflection of 1/500 span

Vertical Leg 310 x 90 Platform Leg 200 x 10 Mass 55 kg/m (Hot-Dip Galvanised Finish)

Span (mm)	4800	5100	5400	5700	6000
Bar Length (mm)	5100	5400	5700	6000	6300
UDL (kg/m)	2845	2372	1998	1699	1457
Point Load (kg)	8535	7560	6744	6053	5462

Loads limited by deflection of 1/500 span

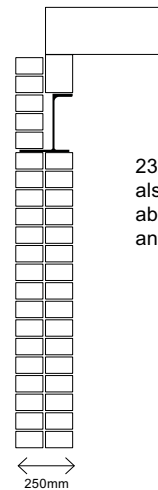
## Typical J-Bar applications



240mm brick veneer construction Shelf Beam sits generally on 89 x 89 SHS.



230mm solid brick wall (garage type).



230mm solid brick (garage type) also allows for either jack stud wall above or stub column supporting another structural member.

Note: Examples shown are intended as a guide only. Please check actual site conditions and refer back to available plans and drawings.