

ANTEC HEXAGONAL MESH

Unless specifically requested, all hexagonal mesh supplied by Antec will be manufactured with the stronger double clenched joining system as described below. An older style, using independent rivets to join the hex together is available, but must be specifically requested.

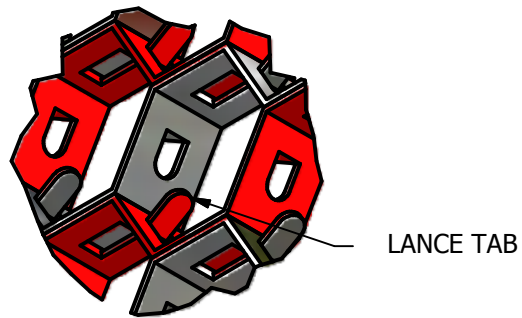
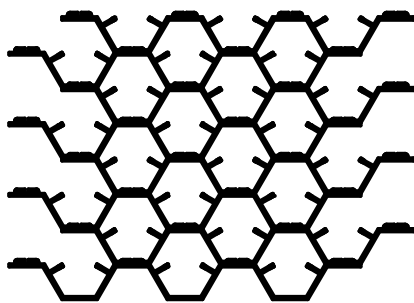
Information on this older style can be supplied separately if needed.

All comments below are based on the doubled clenched joining system type.

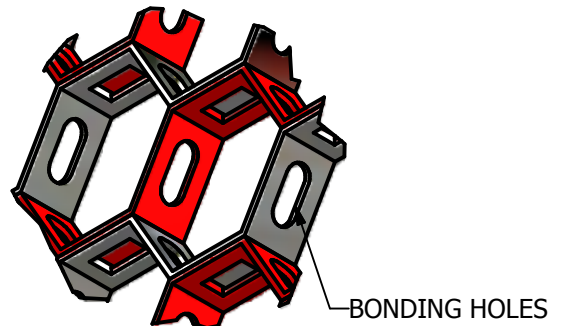
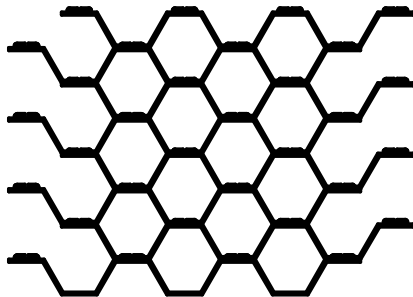
Hexmetal is manufactured in depths of 19mm, 25mm or 50mm.

Two different styles of hexmesh are available in the above depths:

1) Lance tab (L type) - this style has lance tabs protruding from the walls of the hexagonal cell to act as anchorage for the refractory. If the refractory is being gun applied the lances may cause a shadow effect with a void forming behind the lances.

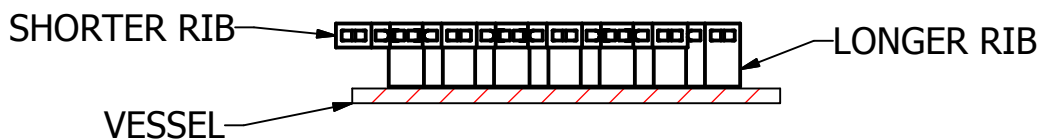


2) Bonding hole (H type) - instead of lance tabs, holes are punched through the walls of the hexmetal cell. Refractory can then flow through these holes to achieve a bond from one cell to another.



All hexmetal except 19mm is available as an offset or stepped type construction. The stepped type hexmetal has a shorter depth rib joining the full depth rib. Whilst both ribs are flush at the top surface, the shorter rib forms a gap on the back face. This gap at the back of the hexmetal allows the refractory to flow through it and hence creates a strong refractory bond between adjoining cells.

The 50mm deep hexmetal is only manufactured as stepped constructions.



9 Chicago Avenue, Blacktown (Sydney)
 NSW 2148 Australia
 PH: (+612) 9622 9622 - FAX: (+612) 9622 9199
 Web: www.antec.com.au
 Email: antec@antec.com.au

Drawing Name:

HEXAGONAL MESH

Revision#

1	2	3
4	5	6

HEX 1

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