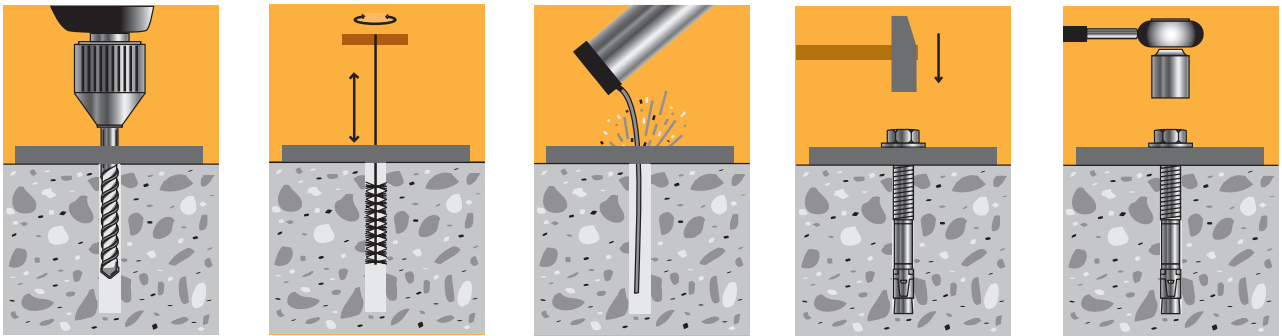


Expanding Anchor Fixing Instructions

THROUGHBOLT ANCHORS -

For Glasdon Product Ranges: Beacon, Warrior, Boxer and Olympic.

For optimum fixing performance the following procedure is recommended.



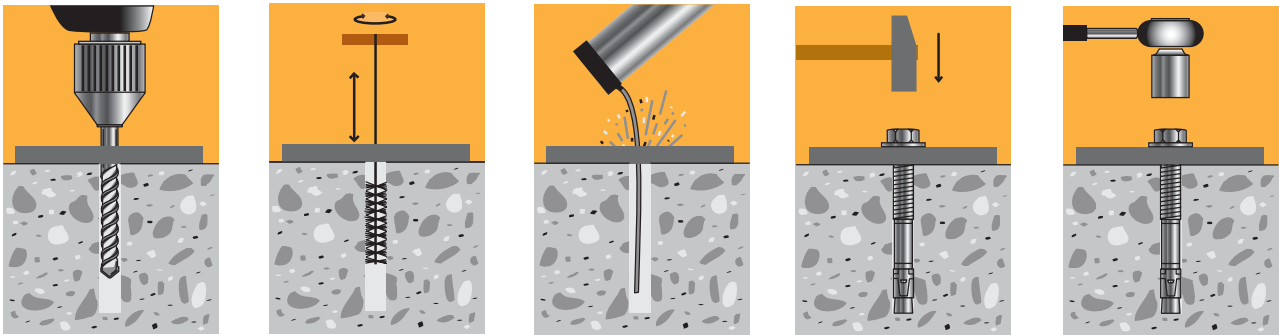
- All products are to be positioned on a suitable sized, flat, level and square concrete base.
- The concrete base should be of a minimum 25N/20mm mix strength equivalent to BS. 5328, Section 2, Part 10, Grade C25.
- Using the supplied unit as a template, drill through all base fixing positions with a 10mm diameter masonry drill to a minimum depth of 140mm.
- Clean drillhole thoroughly using a spiralbrush and remove all dust using a blow out pump, airline or similar.
- Push the anchor through the fixture and into the drillhole. This is an interference fit anchor and may require tapping by hammer.
- Once fully seated, tighten using a torque wrench to 30Nm. Once the correct setting is reached, the anchor is set and the fixture load may be applied.

Expanding Anchor Fixing Instructions

HI LOAD ANCHORS -

For Glasdon Product Ranges: **Fortress, Garrison, Hermit, Cadet, Carleton, Carleton 50, Bi-Rak, Bi-Store, Bi-Port, Bi-Stander, Bi-Shelter, Bi-Safe, Bikeminder, Midi Bi-Minder, Modus Shelter and Aero Shelter.**

For optimum fixing performance the following procedure is recommended.



- All products are to be positioned on a suitable sized, flat, level and square concrete base.
- The concrete base should be of a minimum 25N/20mm mix strength equivalent to BS. 5328, Section 2, Part 10, Grade C25.
- Using the supplied unit as a template, drill through all base fixing positions with the correct size of masonry drill and to the depth shown in the table below.
- Clean drillhole thoroughly using a spiralbrush and remove all dust using a blow out pump, airline or similar.
- Push the anchor through the fixture and into the drillhole. This is an interference fit anchor and may require tapping by hammer.
- Once fully seated, tighten using a torque wrench set to the appropriate setting as shown in the table below. Once the correct setting is reached, the anchor is set and the fixture load may be applied.

PRODUCT RANGE	DRILL DIAMETER	HOLE DEPTH	t-inst Nm Torque
Fortress, Hermit, Cadet, Carleton, Carleton 50, Bi-Shelter, Bi-Safe, Bikeminder.	12mm	100mm minimum	30
Garrison, Bi-Stander.	12mm	120mm minimum	30
Bi-Rak, Bi-Store, Bi-Port.	15mm	140mm minimum	50
Midi Bi-Minder	12mm	80mm minimum	30
Modus Shelter	18mm	105mm minimum	80
Aero Shelter	18mm	140mm minimum	80