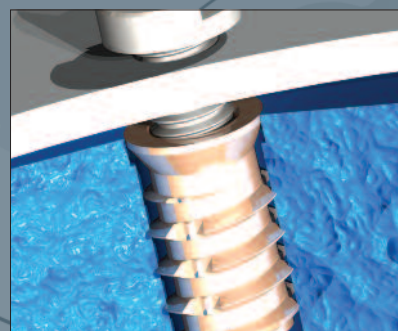
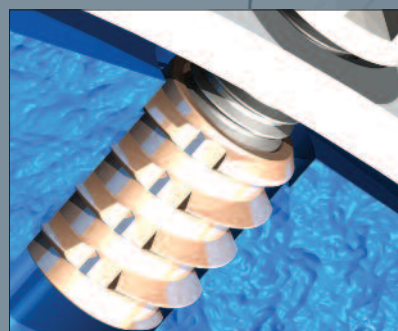


FOAMSERT® DOUBLE ENDED REDUCED HEADED



The Foamsert is a special version of the Trisert and has a very coarse truncated external thread form. Like the Trisert it has three equidistant cutting flutes over the length of the external form and it is this unique combination that makes the Foamsert ideally suited for use in structural foam materials, laminated chipboards, medium density fibre board and certain types of glass reinforced plastics.

Continuous product development has led to a headed version of the Foamsert providing all the benefits of the headed Trisert in an expanded range of materials. This innovative new design adds a significant degree of versatility to the existing inserts for plastics. Both the Double Ended and Reduced Headed versions are installed using a reversible driving mechanism. See Page 22 for details of installation procedures.

DOUBLE ENDED

The Foamsert has a lead on both ends and can, therefore, be installed either way up, significantly simplifying the installation process. For high volume applications in particular, the double ended version facilitates the design of simple bowl fed mechanisms for automatic installation equipment, thus reducing tooling costs.

REDUCED HEADED

The Reduced Headed Foamsert offers higher tightening torques and an increased bearing surface, and provides a flush fit finish where required.

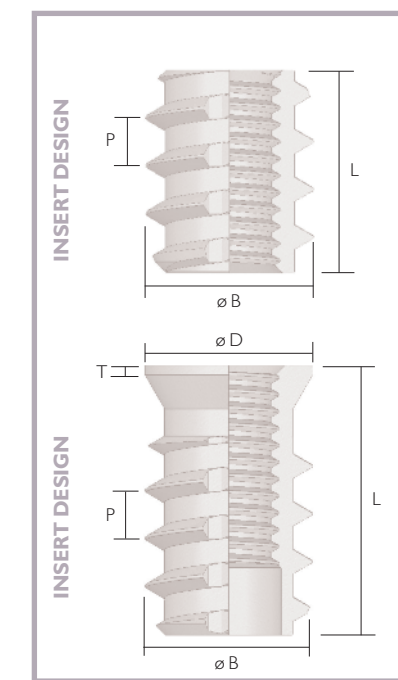
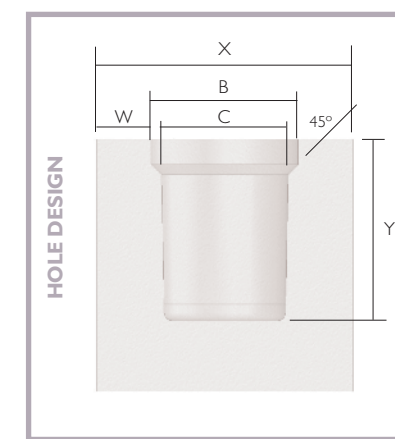
DOUBLE ENDED / REDUCED HEADED

Self-tapping, double ended and reduced headed inserts available in long lengths in a range of thread sizes from M2.5 to M8.

Product Features

The Double Ended and Reduced Headed Foamserts share the installation benefits of the Trisert range. In addition they provide a larger external diameter, increased length and coarse truncated external thread. These additional design features make the Foamsert ideally suited for use in structural foam and other low density materials to provide increased pull-out resistance.

The Foamsert may also be specified for applications where exceptional pull-out loading is required in laminated chip boards, MDF (medium density fibre) board and certain types of glass reinforced plastics.



DOUBLE ENDED

SIZE	PITCH INTERNAL	PITCH EXTERNAL P	DIAMETER EXTERNAL B	LENGTH L	HOLE DIAMETER C	HOLE DEPTH Y	BOSS DIAMETER X	WALL THICKNESS W	PART NO.s
M2.5	0.45	1.81	5.50	8.00	4.25 - 5.00	8.80	12.50	3.75	040M2.5
M3	0.50	1.81	5.50	8.00	4.25 - 5.00	8.80	12.50	3.75	040M3
M3.5	0.60	2.12	6.30	8.50	5.00 - 5.75	9.40	14.40	4.33	040M3.5
M4	0.70	2.31	7.10	9.00	5.70 - 6.50	9.90	16.30	4.90	040M4
M5	0.80	2.54	8.70	10.00	7.20 - 8.10	11.00	20.30	6.10	040M5
M6	1.00	2.82	10.00	12.00	8.40 - 9.30	13.20	23.30	7.00	040M6
M8	1.25	3.63	12.00	16.00	10.40 - 11.30	17.60	28.30	8.50	040M8

MATERIAL: Brass - to BSEN 12164 CW 614N This material is RoHS compliant

NOTE - all dimensions in mm

REDUCED HEADED

SIZE	PITCH INTERNAL	PITCH EXTERNAL P	DIA. EXTERNAL B	LENGTH L	HEAD THICKNESS T	HEAD DIAMETER D	HOLE DIAMETER C	HOLE DEPTH Y	BOSS DIAMETER X	WALL THICKNESS W	PART NO.s
M3	0.50	1.81	5.50	9.00	0.50	5.50	4.25 - 5.00	9.90	12.50	3.75	240M3
M4	0.70	2.31	7.10	11.00	0.50	7.10	5.70 - 6.50	12.10	16.30	4.90	240M4
M5	0.80	2.54	8.70	12.00	0.50	8.70	7.20 - 8.10	13.20	20.30	6.10	240M5
M6	1.00	2.82	10.00	16.00	0.60	10.00	8.40 - 9.30	17.60	23.30	7.00	240M6
M8	1.25	3.63	12.00	20.00	0.70	12.00	10.40 - 11.30	22.00	28.30	8.50	240M8

MATERIAL: Brass - to BSEN 12164 CW 614N This material is RoHS compliant

NOTE - all dimensions in mm

HOLE DIAMETER TOLERANCE INFORMATION

The information given under hole diameter 'C' are suggested dimensions for a range of grades of materials and applications.

DETAILED HOLE INFORMATION IS AVAILABLE FOR SPECIFIC APPLICATIONS AND MATERIALS

Information given under the hole design section above is intended to indicate approximate dimensional requirements for satisfactory installation of the insert, it is not intended for production tooling.