

Threaded Inserts for Carbon Spars



Carbon spars are relatively hard, and require special stainless steel self tapping inserts with a fine external thread.

When drilling carbon laminates, avoid using a sharp twist drill as this will tend to tear the material. A grinding action is required. The best tool is a dagger drill bit. See the Table for correct drill sizes.

Use low force when drilling, allowing the bit to slowly grind the laminate. As the hole reaches full depth, reduce the force to as minimum. This should prevent tearing of the inner laminate.

Insert Thread Size		M5	M6	M8
Seldén Part No.		170-115	170-116	170-117
External thread		M8 x1	M10 x 1.5	M12 x 1.5
Length (L)		10	14	15
Hole sizes	øMin	7.1	8.6	10.6
	øMax	7.6	9.4	11.4
Recommended	øDrill	7.25	9.0	11.0

The insert must be fitted with the slotted end first, as the slot provides the cutting action to tap into the hard carbon laminate

