

Self-Tapping Inserts

A range of inserts which are ideal for use in plastics, wood and non-ferrous metals

Self-Tapping Insert Types

Our threaded inserts are used in plastics, wood and non-ferrous metals to provide a thread that is stronger than would be possible by inserting a self-tapping screw directly into the material.

Threaded inserts provide a higher pull-out strength due to the fact that the outside diameter of the insert has a much larger contact area with the plastic, wood and metal than the equivalent self-tapping screw

In addition to strength, inserts provide a durable thread which is important where the product has to be disassembled regularly for maintenance or adjustment.

Series 121

Series 121 inserts are for use in wood, plywood, chipboard and MDF. This series is available in steel and has a deep course-pitched outside thread to provide maximum pull-out strength. There is also an internal cut-out to prevent wood particles impeding the screw.

Series 125

These steel hex-drive self-tapping inserts can be used in wood, plywood, chipboard and MDF. The Series 125 inserts are designed for insertion with an allen key and do not have a thread cut-out.

Series 127

The Series 127 is a zinc alloy insert for soft woods and chipboard. It's a more economical alternative to Series 121 and 125, but does not provide the same pull-out strengths. It has a hex recess for easy assembly.

Series 300

Series 300 inserts are self-tapping inserts with a fine external thread for use in harder materials, such as light metals and other non-ferrous metals, as well as plastics and thermosetting resins. A feature of the Series 300 insert is the slot cut into the insertion end at 180 degrees, this slot aids the removal of host material and provides a sharp cutting edge.

This series is available in case hardened steel (plated zinc and yellow passivate), brass and stainless steel 303 or marine grade stainless steel 316.

The insert must always be inserted slotted end first, as the slot provides the cutting action to tap into the application material.



[View Self-Tapping Insert Range](#)

[Request A Quote](#)

[Visit Our Website](#)

[Join Our Community](#)



North Folds Road
Oakley Hay Industrial Estate
Corby, Northants, NN18 9AT

+44 (0) 1536 461140
sales@technifast.co.uk
www.technifast.co.uk

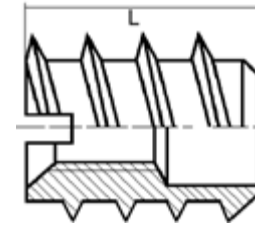


Threaded Inserts

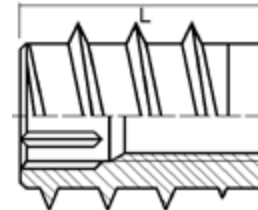
A range of inserts which are ideal for use in plastics, wood and non-ferrous metals

Series 121

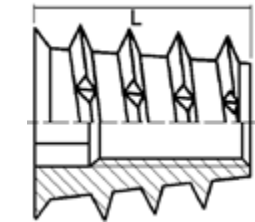
Nominal Thread Size	M3	M4	M5	M6	M8	M10	M12	M16
Outside Diameter	6.0	8.0	10.0	12.0	16.0	18.5	22.0	25.0
Length	8.0	10.0	12.0	15.0	18.0	20.0	22.0	25.0
Recommended Hole Size:								
Min	4.6	5.7	7.6	9.4	12.6	15.1	18.3	21.3
Max	5.2	6.6	8.5	10.4	14.0	16.5	19.8	22.8



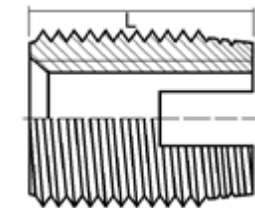
Series 121



Series 125



Series 127



Series 300

Series 125

Nominal Thread Size	M4	M5	M6	M8	M10
Outside Diameter	8.0	10.0	12.0	16.0	18.5
Length	10.0	12.0	15.0	18.0	20.0
Hex Socket	SW4	SW5	SW6	SW8	SW10
Recommended Hole Size:					
Min	6.6	8.4	10.0	14.0	16.2
Max	7.2	9.2	10.8	14.8	17.2

Series 127

Nominal Thread Size	M5	M6	M8	M10
Length	13.0	13.0	13.0	13.0
Recommended Hole Size:				
Min	7.7	8.7	10.7	12.2
Max	8.0	9.0	11.0	12.5

Series 300

Nominal Thread Size	M3	M4	M5	M6	M8	M10	M12	M14	M16
External Thread Size	M5 x 0.5	M6.5 x 0.75	M8 x 1	M10 x 1.5	M12 x 1.5	M14 x 1.5	M16 x 1.5	M18 x 1.5	M20 x 1.5
Length	6	8	10	14	15	18	22	24	25
Recommended Hole Size:									
Min	4.6	5.8	7.1	8.6	10.6	12.6	14.6	16.6	18.6
Max	4.8	6.2	7.6	9.4	11.4	13.4	15.4	17.4	19.4

[View Self-Tapping Insert Range](#)

[Request A Quote](#)

[Visit Our Website](#)

[Join Our Community](#)

TECHNIFAST

North Folds Road
Oakley Hay Industrial Estate
Corby, Northants, NN18 9AT

+44 (0) 1536 461140
sales@technifast.co.uk
www.technifast.co.uk

