

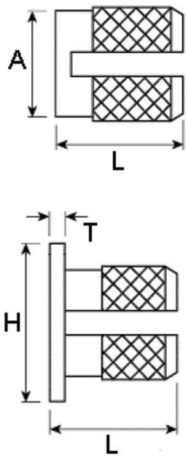
EXPANSION INSERTS



Expansion inserts are used where a durable thread is required but the high pull-out resistance of self-tapping or heat / ultrasonic inserts is not essential. They are hand-placed into a hole of specified size and the action of the screw on final assembly locks the insert into place.

They are ideally suited for use in plastics which are strong enough to resist the expansion of the insert yet flexible enough to allow the knurls to anchor into the material.

Series 81 parallel and Series 82 headed inserts are available in brass. We can also supply Series 32 inserts for tapered holes and Series 11 symmetrical ultrasonic inserts.



Nominal Thread Size	M3	M3.5	M4	M5	M6	M8
Diameter 'A'	3.96	4.72	5.50	6.32	7.90	9.50
Head Diameter 'H'	5.53	6.35	7.13	7.92	9.52	11.10
Head Thickness 'T'	0.50	0.65	0.81	1.00	1.24	1.24
Length 'L' (mm)	4.72	6.32	7.92	9.42	12.70	12.60
Recommended						
Hole Size Min	4.00	4.80	5.60	6.40	8.00	9.60
Hole Size Max	4.10	4.90	5.70	6.50	8.10	9.70