

Ultrasonic Inserts

Headed and parallel brass inserts, designed for use with thermoplastic materials

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Heat or Ultrasonic Inserts can only be used in thermoplastic materials. The insert is either pre-heated or uses heat generated by ultrasonic vibration to soften the walls of the hole as it is pressed into position. The softened plastic flows into the knurls and undercuts to lock the insert into place.

The Series 01 brass inserts are unheaded and our Series 02 offer a headed version.

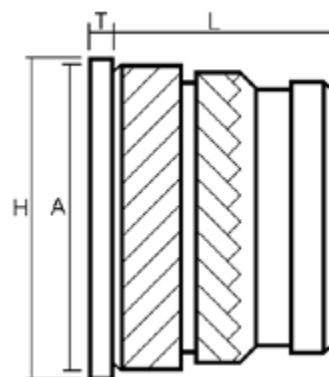
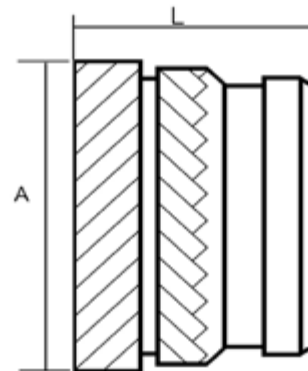
Both are available in two standard lengths and combine diagonal knurls and undercuts to achieve the optimum balance of resistance to pull-out and torque loads.

Series 01 - Unheaded

Nominal Thread Size	M2	M2.5	M3	M3.5	M4	M5	M6	M8
Diameter 'A'	3.60	4.60	4.60	5.43	6.30	7.06	8.66	10.23
Length 'L':								
Short	-	4.00	4.00	4.00	4.80	5.80	7.00	-
Long	4.00	5.74	5.74	7.14	8.15	9.53	12.70	12.70
Recommended Hole Size:								
Min	3.20	4.00	4.00	4.80	5.60	6.40	8.06	9.60
Max	3.30	4.10	4.10	4.90	5.70	6.50	8.10	9.70

Series 02 - Headed

Nominal Thread Size	M2	M2.5	M3	M3.5	M4	M5	M6	M8
Diameter 'A'	3.60	4.60	4.60	5.43	6.30	7.06	8.66	10.23
Head Diameter 'H'	4.75	5.54	5.54	6.35	7.14	7.92	9.52	11.10
Head Thickness 'T'	0.53	0.61	0.61	0.76	0.91	1.10	1.35	1.35
Length 'L':								
Short	-	4.00	3.50	4.00	6.00	6.00	7.00	-
Long	4.00	5.74	5.75	7.14	8.11	9.52	12.70	12.70
Recommended Hole Size:								
Min	3.20	4.00	4.00	4.80	5.60	6.40	8.00	9.60
Max	3.30	4.10	4.10	4.90	5.70	6.50	8.10	9.70



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