

BoTec

The inserts for after-molding installation with heat or ultrasonic power.

1, Suitable to all kinds of thermoplastics

2, The insert combines the straight knurls and the diamond knurls to offer excellent resistance to rotation or pull-out force.

3, Its unique 8° tapered figure perfectly sit into plastic taper hole.



METRIC THREAD /unit:mm

Thread Size	Insert Length L		Stud Length S				Head Height T	Head H	Insert D	Rec. Hole Size d -0.00/+0.10	Min. Wall Thickness W
M2	5.0	-	-	-	-	-	0.6	5.0	4.1	3.8	1.5
M2.5	5.0	-	5	10	-	-	0.6	6.0	4.1	3.8	1.5
M3	5.5	5.0	5	10	15	-	0.6	6.0	4.7	4.4	1.8
M3.5	6.0	-	5	10	15	-	0.8	7.0	5.5	5.2	1.8
M4	7.5	6.0	5	10	15	-	0.8	8.0	5.9	5.8	2.0
M5	9.0	7.0	-	10	15	25	1.0	8.5	7.0	6.9	2.3
M6	10.0	9.0	-	10	15	25	1.0	10.0	8.6	8.5	2.5
M8	12.0	-	-	-	-	-	1.0	12.0	11.1	10.9	3.0

Material: Brass JIS C3604 (Standard Material)
 Stainless Steel (INOX) 303, 304F, 316F
 Carbon Steel 1215, 12L14 with Zinc Plated, class 3 chromate
 Other materials upon request

Part Number: Model Code-Thread Size*L*D-H*T-S-Material

BT-M3*5.5*φ4.1-B	BT Insert Nut, M3*5.5*φ4.1, Brass
BTMS-M3*5.5*φ4.1-φ6.0*0.6-5-B	BT Insert Stud 5mm, M3*5.5*φ4.1, with φ6.0*0.6 head, Brass

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