

SymTec

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

- 1, Suitable to all kinds of thermoplastics
- 2, The pilot help with quick alignment
- 3, Grooves and opposite knurl bands ensure high performance
- 4, Symmetrically designed for easy and quick installation by hand or automatic machine



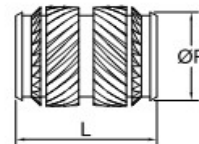
METRIC THREAD /unit:mm

Thread Size	Insert Length L±0.13				Insert D	Pilot End P	Rec. Hole Size d -0.00/+0.10	Min. Wall Thickness W
M2	4.0	3.0	-	-	3.5	3.2	3.2	1.3
M2.5	5.7	4.0	-	-	4.4	4.0	4.0	1.6
M3	5.7	4.0	4.8	-	4.4	4.0	4.0	1.6
M3.5	7.1	5.0	-	-	5.2	4.8	4.8	1.8
M4	8.1	4.0	4.8	5.8	6.1	5.6	5.6	2.1
M5	9.5	5.8	-	-	6.8	6.4	6.4	2.6
M6	12.7	6.8	9.5	-	8.5	8.0	8.0	3.3
M8	12.7	-	-	-	10.0	9.6	9.6	4.5
M10	12.7	-	-	-	12.3	11.9	11.9	6.0
M12	15.9	-	-	-	16.3	16.0	16.0	8.0

UNIFIED THREAD /unit:inch

Thread Size	Insert Length L±.005				Insert D	Pilot End P	Rec. Hole Size d -.000/+.004	Min. Wall Thickness W
2-56	.155	.118	-	-	.137	.123	.125	.051
4-40	.224	.157	.188	-	.174	.154	.157	.063
6-32	.279	.197	-	-	.205	.185	.189	.071
8-32	.319	.157	.188	.228	.239	.218	.220	.083
10-24	.373	.228	-	-	.269	.249	.252	.102
10-32	.373	.228	-	-	.269	.249	.252	.102
1/4-20	.498	.269	.374	-	.333	.312	.315	.130
1/4-28	.498	.269	.374	-	.333	.312	.315	.130
5/16-18	.498	-	-	-	.394	.374	.378	.177
5/16-24	.498	-	-	-	.394	.374	.378	.177
3/8-16	.498	-	-	-	.485	.465	.469	.236
3/8-24	.498	-	-	-	.485	.465	.469	.236
1/2	.626	-	-	-	.643	.622	.630	.315

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



Model: ST

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

ST-M2*4.0*φ3.5-B	ST Insert Nut, M2*4.0*φ3.5, Brass
ST-1/420*.498*φ.333-B	ST Insert Nut, 1/4-20UNC*.498"*φ.333", Brass

Harwin Engineering Ltd www.harwinengineering.com.hk