

## Moldin-X

The inserts exclusively installed during the molding but possible for after-molding process by modifying the dimensions.

- 1, Suitable to all kinds of thermoplastics and duroplastics
- 2, The diamond knurls combine the undercut to offer high performance
- 3, The blind end to prevent the hot resin intrusion during molding



### METRIC THREAD /unit:mm

Thread Size	Insert Length / Min. Thread Length L / E					Insert D	End P	Minor Thread Size GO./NOGO.
M2.5	4.78/2.01	6.35/2.87	7.14/3.74	9.53/4.6	10.31/5.47	4.78	4.34	2.058/2.138
M3	5.21/2.21	7.13/3.21	8.73/4.21	10.31/5.21	11.13/6.21	4.78	4.34	2.500/2.590
M3.5	6.35/2.62	8.73/3.81	10.31/5.02	11.91/6.22	13.48/7.42	5.56	5.13	2.926/3.010
M4	6.35/3.08	8.73/4.47	10.31/5.89	11.91/7.29	13.48/8.69	6.35	5.74	3.340/3.420
M5	7.13/3.49	11.12/5.09	13.48/6.69	11.91/8.29	13.48/9.89	7.14	6.57	4.200/4.300
M6	8.73/4.37	13.49/6.37	15.87/8.37	18.26/10.57	20.8/12.37	8.74	8.15	5.050/5.150
M8	11.13/5.72	15.09/7.82	18.24/10.32	20.62/12.82	22.23/15.32	11.13	10.26	6.810/6.912

### UNIFIED THREAD /unit:inch

Thread Size	Insert Length / Min. Thread Length L / E					Insert D	End P	Minor Thread Size GO./NOGO.
2-56	.156/.080	.219/.115	.250/.150	.312/.185	.344/.220	.156	.142	.0710/.0732
4-40	.205/.110	.281/.160	.344/.210	.406/.260	.438/.310	.188	.171	.0906/.0939
6-32	.250/.135	.344/.200	.406/.260	.469/.325	.531/.385	.219	.202	.1102/.1140
8-32	.250/.135	.344/.200	.406/.200	.469/.325	.531/.385	.250	.226	.1339/.1385
10-24	.356/.175	.438/.260	.531/.345	.625/.425	.716/.510	.281	.259	.1515/.1560
10-32	.281/.135	.438/.200	.531/.260	.469/.325	.531/.385	.281	.259	.1594/.1640
1/4-20	.344/.200	.531/.315	.625/.415	.719/.515	.819/.615	.344	.321	.2040/.2070
5/16-18	.438/.235	.594/.345	.719/.460	.811/.570	.949/.680	.438	.404	.2600/.2645
3/8-16	.500/.265	.688/.390	.812/.515	.935/.640	1.00/.765	.500	.466	.3150/.3205

**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/E\*D-Material

MX-M3*8.73/4.21*φ4.78-B	MX Insert Nut, M3*8.73/4.21*φ4.78, Brass
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**Harwin Engineering Ltd**

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