

VaneLoc

The inserts exclusively installed by cold press.

- 1, Preferably used in thermosetting plastics
- 2, Features screw-locking function
- 3, Different models for specific applications.



METRIC THREAD /unit:mm

Thread Size	Insert Length L	Insert D	Gear Ring numbers N	Rec. Hole Size H +/-0.05	Min. Wall Thickness W
M2	3.5	3.90	1	3.45	1.85
M2.5	4.0	4.40	1	3.95	2.10
M3	5.0	5.50	1	4.95	2.65
	8.0		2		
M4	5.0	6.50	1	5.95	3.15
	8.0		2		
M5	6.0	7.55	1	6.95	3.70
	9.0		2		
M6	7.0	8.55	1	7.95	4.20
	9.0		2		

METRIC THREAD /unit:mm

Thread Size	Insert Length L	Insert D	Vane numbers N	Rec. Hole Size H +/-0.05	Min. Wall Thickness W
M2	4.0	3.50	2	3.20	1.60
M2.5	4.8	4.50	3	4.20	2.10
M3	4.8	4.50	3	4.20	2.10
M3.5	6.4	5.00	3	4.70	2.35
M4	8.0	6.00	4	5.70	2.85
M5	9.5	7.00	5	6.60	3.30
M6	12.7	8.50	5	8.10	4.05
M8	12.7	10.00	5	9.60	4.80

METRIC THREAD /unit:mm

Thread Size	Insert Length L	Insert D	Vane numbers N	Rec. Hole Size H +/-0.10	Min. Wall Thickness W
M2.5	4.8	5.45	1	4.70	2.50
M3	4.8	5.45	1	4.70	2.50
M3.5	4.8	6.00	1	5.30	2.80
M4	9.5	6.55	2	5.80	3.00
M5	9.5	7.45	2	6.70	3.50
M6	9.5	9.05	2	8.30	4.30
M8	14.3	12.45	3	11.90	6.00

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/N*D-Material

VL1-M3*5.0/1*φ5.5-B	VL1 Type Insert Nut, M3*5.0*φ5.5, with one gear ring, Brass
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Harwin Engineering Ltd

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