

ViSert

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

- 1, Suitable to all kinds of thermoplastics
- 2, The Vane works as alignment pilot as well as pull-out resistant element
- 3, Single Vane or Double Vane versions for different applications
- 4, Unknurled flange seal the hot resin from overflowing during installation



METRIC THREAD/unit:mm

Thread Size	1-Vane Version				2-Vane Version				Insert D	Min. Wall Thickness W
	Insert Length L±0.13	Pilot End P	Rec. Hole Size ±0.05		Insert Length L±0.13	Pilot End P	Rec. Hole Size ±0.05			
			d1	d2			d1	d2		
M2	2.90	3.12	3.27	3.00	4.80	2.84	3.12	2.72	3.58	2.0
M2.2	2.90	3.12	3.27	3.00	4.80	2.84	3.12	2.72	3.58	2.0
M2.5	3.43	3.99	4.10	3.89	5.56	3.79	4.04	3.58	4.37	2.4
M3	3.43	3.99	4.10	3.89	5.56	3.79	4.04	3.58	4.37	2.4
	3.81	5.16	5.31	5.05	6.35	4.83	5.23	4.70	5.56	3.0
M3.5	3.81	5.16	5.31	5.05	6.35	4.83	5.23	4.70	5.56	3.0
M4	4.70	5.84	5.99	5.74	7.92	5.41	5.94	5.28	6.35	3.4
M5	5.72	6.91	7.03	6.78	9.53	6.38	7.03	6.25	7.54	3.9
	6.71	7.83	8.00	7.70	11.10	7.19	8.00	7.06	8.33	4.4
M6	7.62	8.99	9.22	8.86	12.70	8.43	9.22	8.15	9.52	4.9
M8	8.51	11.15	11.38	10.95	14.27	10.31	11.38	10.19	11.91	6.2
M10	9.50	13.51	13.71	13.28	15.90	12.52	13.71	12.40	14.30	6.2

UNIFIED THREAD /unit:inch

Thread Size	1-Vane Version				2-Vane Version				Insert D	Min. Wall Thickness W
	Insert Length L±.005	Pilot End P	Rec. Hole Size ±.002		Insert Length L±.005	Pilot End P	Rec. Hole Size ±.002			
			d1	d2			d1	d2		
0-80	.115	.123	.129	.118	.188	.114	.123	.107	.141	.080
2-56	.115	.123	.129	.118	.188	.114	.123	.107	.141	.080
4-40	.135	.157	.163	.153	.219	.148	.159	.141	.172	.092
6-32	.150	.203	.209	.199	.250	.190	.206	.185	.219	.115
8-32	.185	.230	.236	.226	.312	.213	.234	.208	.250	.133
10-24 or 10-32	.225	.272	.278	.267	.375	.251	.277	.246	.297	.158
1/4-20 or 1/4-28	.300	.354	.363	.349	.500	.332	.363	.321	.375	.195
5/16-18 or 5/16-24	.335	.439	.448	.431	.562	.406	.448	.401	.469	.245
3/8-16 or 3/8-24	.375	.532	.540	.523	.625	.493	.540	.488	.563	.293

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-Material

VS11-M2*2.9* ϕ 3.58-B	VS11 Type Insert Nut, M2*2.9* ϕ 3.58, Brass
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Harwin Engineering Ltd

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