



Ultrasonic Installation

Properties

- Designed to fit moulded tapered holes.
- Knurled and vaned brass body internally threaded.
- Specially designed for ultrasonic installation.
- Providing high pull-out and torque resistance.
- Rapid installation.
- Special design permits automatic feeding.
- Lends itself to heat installation in many materials.

Product Data

METRIC

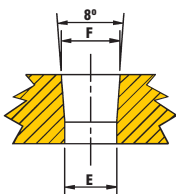
THREAD SIZE	LENGTH (MM)		PRODUCT CODE	DIAMETER A (MM)	DIAMETER B (MM)	HOLE SIZE		
	LONG (MM)	SHORT (MM)				DIA. E (MM)	DIA. F (MM)	MIN DEPTH (MM)
M2.5X0.45	5.56		742501310	4.37	3.71	3.61/3.56	4.06/4.01	6.32
M2.5X0.45		3.43	742501307	4.37	3.99	3.91/3.86	4.06/4.01	4.19
M3X0.5	6.35		742501331	5.56	4.83	4.72/4.67	5.26/5.21	7.11
M3X0.5		3.81	742501349	5.56	5.16	5.08/5.03	5.26/5.21	4.57
M3.5X0.6	6.35		742501372	5.56	4.83	4.72/4.67	5.26/5.21	7.11
M3.5X0.6		3.81	742501380	5.56	5.16	5.08/5.03	5.26/5.21	4.57
M4X0.7	7.92		742501414	6.35	5.41	5.31/5.26	5.97/5.92	8.69
M4X0.7		4.70	742501422	6.35	5.84	5.77/5.72	5.97/5.92	5.46
M5X0.8	11.13		742501455	8.33	7.19	7.09/7.04	8.03/7.98	11.89
M5X0.8		6.73	742501463	8.33	7.82	7.72/7.67	8.03/7.98	7.49
M6X1.0	12.70		742501497	9.53	8.43	8.18/8.13	9.25/9.19	13.46
M6X1.0		7.62	742501500	9.53	8.99	8.89/8.84	9.25/9.19	8.38

UNC

THREAD SIZE	LENGTH (MM)		PRODUCT CODE	DIAMETER A (INCH)	DIAMETER B (INCH)	HOLE SIZE		
	LONG (INCH)	SHORT (INCH)				DIA. E (INCH)	DIA. F (INCH)	MIN DEPTH (INCH)
4-40	0.219		742500374	0.172	0.146	0.142/0.140	0.160/0.158	0.249
4-40		0.135	742500382	0.172	0.157	0.154/0.152	0.160/0.158	0.165
6-32	0.250		742500473	0.219	0.190	0.186/0.184	0.207/0.205	0.280
6-32		0.150	742500465	0.219	0.203	0.200/0.198	0.207/0.205	0.180
8-32	0.312		742500531	0.250	0.213	0.209/0.207	0.235/0.233	0.342
8-32		0.185	742500549	0.250	0.230	0.227/0.225	0.235/0.233	0.215
10-24	0.375		742500610	0.297	0.251	0.247/0.245	0.278/0.276	0.405
10-24		0.225	742500615	0.297	0.272	0.268/0.266	0.278/0.276	0.225
1/4-20	0.500		742500739	0.375	0.332	0.322/0.320	0.364/0.362	0.530
1/4-20		0.300	742500741	0.375	0.354	0.350/0.348	0.364/0.362	0.330

UNF

THREAD SIZE	LENGTH (MM)		PRODUCT CODE	DIAMETER A (INCH)	DIAMETER B (INCH)	HOLE SIZE		
	LONG (INCH)	SHORT (INCH)				DIA. E (INCH)	DIA. F (INCH)	MIN DEPTH (INCH)
10-32	0.375		742500614	0.297	0.251	0.247/0.245	0.278/0.276	0.405
10-32		0.225	742500621	0.297	0.272	0.268/0.266	0.278/0.276	0.255
1/4-28	0.500		742500710	0.375	0.332	0.322/0.320	0.364/0.362	0.530
1/4-28		0.300	742500715	0.375	0.354	0.350/0.348	0.364/0.362	0.330



HOLE SIZE

A tapered hole is specified for easier mould release and more accurate positioning of the insert. The E and F diameters tabulated are suggested for general types of thermoplastics. Specific applications may require variations to these figures which should be established by production trials.