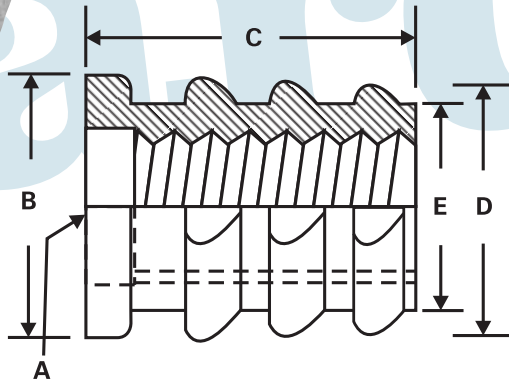


Yardley® Intro-Sert® Inserts

For Ultrasonic or Thermal Post-Molded Installation in Thermoplastics



INTRO-SERT Ultrasonic Inserts offer plastic molders and users impressive benefits in lower cost production and better quality assemblies. In addition, they offer a choice of installation methods with conventional high frequency ultrasonic production equipment or the Yardley Thermal Inserter for low volume work.

Advantages

- Reduces molding cycle time by eliminating placing of inserts into mold cavity
- Requires less costly mold construction yet provide more design latitude for molded parts
- Rounded annular ribs reduce the stress concentration that causes residual cracking
- Offer high resistance to rotation and pull-out
- Adaptable to automated, high volume production

Available from stock in Brass, Aluminum and Stainless Steel

Custom sizes/materials available

REGULAR SERIES

U.S. Part Number	Metric Part Number	A U.S. Thread Size	A Metric Thread Size	B Outside Diameter ±.005	C Length ±.005	D ±.002	E Lead Diameter ±.005	Starting Hole Size ABS	Starting Hole Size Polycarbonates
256H5-6	2004H5-6	2-56	M2.0 x 0.4	.156	.187	.145	.121	.129	.125
440H6-8	3005H6-8	4-40	M3.0 x 0.5	.187	.250	.172	.147	.154	.150
632H7-10	3506H7-10	6-32	M3.5 x 0.6	.218	.312	.200	.178	.185	.180
832H8-12	4007H8-12	8-32	M4.0 x 0.7	.250	.375	.227	.200	.206	.201
1024H9-14		10-24		.281	.437	.255	.231	.238	.234
1032H9-14	5008H9-14	10-32	M5.0 x 0.8	.281	.437	.255	.231	.238	.234
6010H12-18	6010H12-18	1/4-20	M6.0 x 1.0	.375	.562	.341	.320	.328	.323

SHORT SERIES

U.S. Part Number	Metric Part Number	A U.S. Thread Size	A Metric Thread Size	B Outside Diameter ±.005	C Length ±.005	D ±.002	E Lead Diameter ±.005	Starting Hole Size ABS	Starting Hole Size Polycarbonates
256HR5-6	2004HR5-6	2-56	M2.0 x 0.4	.156	.156	.145	.121	.129	.125
440HR6-7	3005HR6-7	4-40	M3.0 x 0.5	.187	.219	.172	.147	.154	.150
632HR7-8	3506HR7-8	6-32	M3.5 x 0.6	.218	.250	.200	.178	.185	.180
832HR8-10	4007HR8-10	8-32	M4.0 x 0.7	.250	.312	.227	.200	.206	.201
1024HR9-12		10-24		.281	.375	.255	.231	.238	.234
1032HR9-12	5008HR9-12	10-32	M5.0 x 0.8	.281	.375	.255	.231	.238	.234
2502HR12-16	6010HR12-16	1/4-20	M6.0 x 1.0	.375	.500	.341	.320	.328	.323

Recommended starting hole sizes: Tests should be conducted to determine the appropriate hole sizes for your specific application and base material.