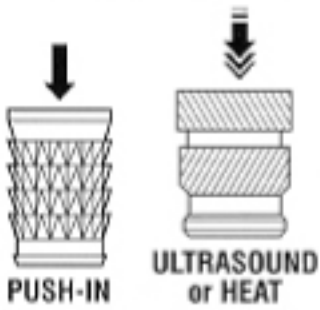


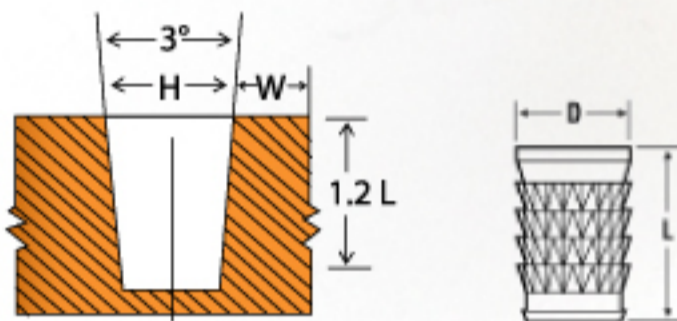
Technical Performance



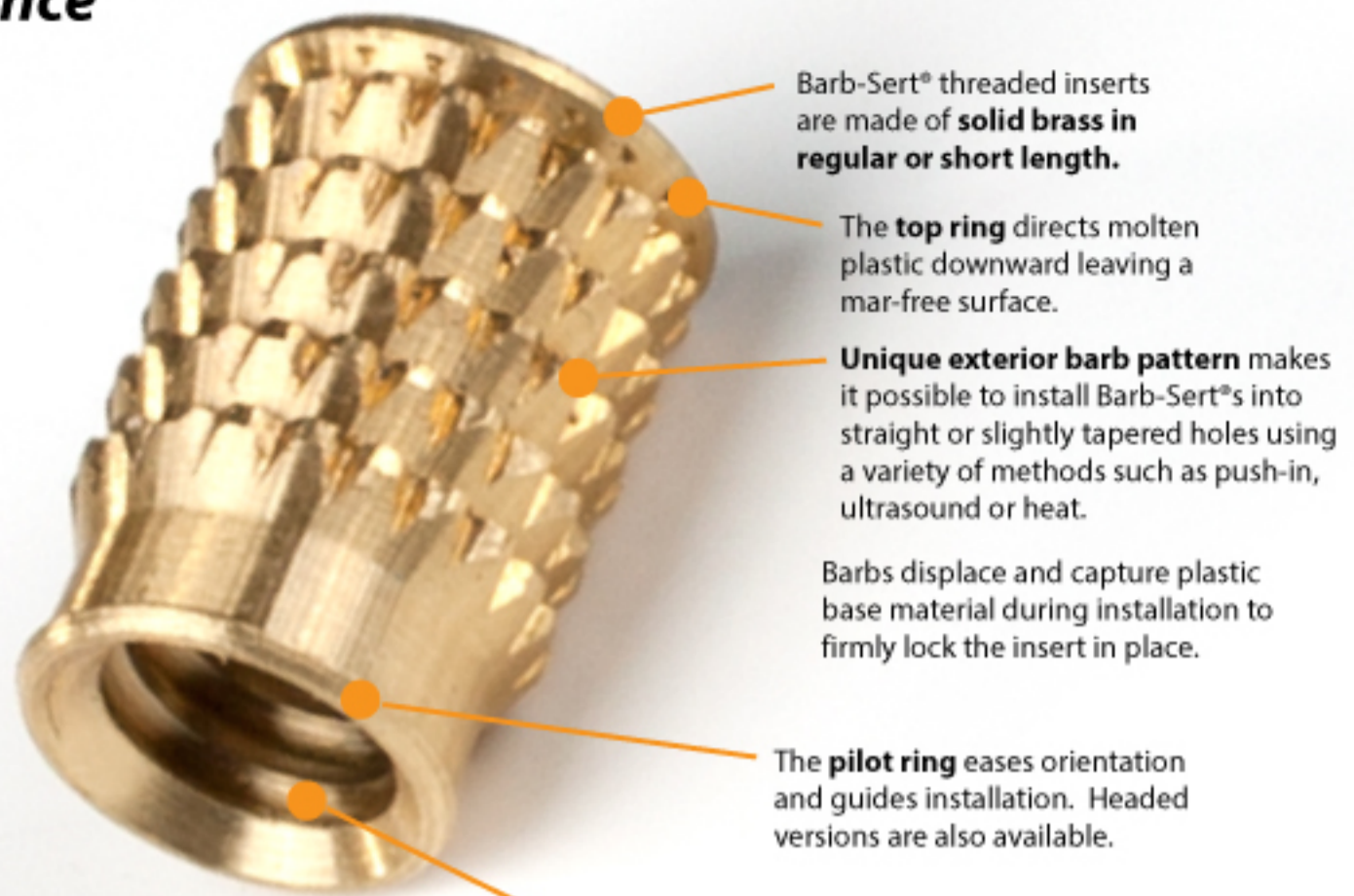
Barb-Sert® Series

- Designed for use with thermoplastics.
- Superior pull-out and torque resistance.
- Suitable for push-in, ultrasonic or heated installations.

Barb-Sert® threaded inserts provide superior pull-out and torque resistance in thermoplastics, making them a popular choice for molders.



STRAIGHT HOLE WITH NO COUNTERBORE



Barb-Sert® threaded inserts are made of **solid brass in regular or short length.**

The **top ring** directs molten plastic downward leaving a mar-free surface.

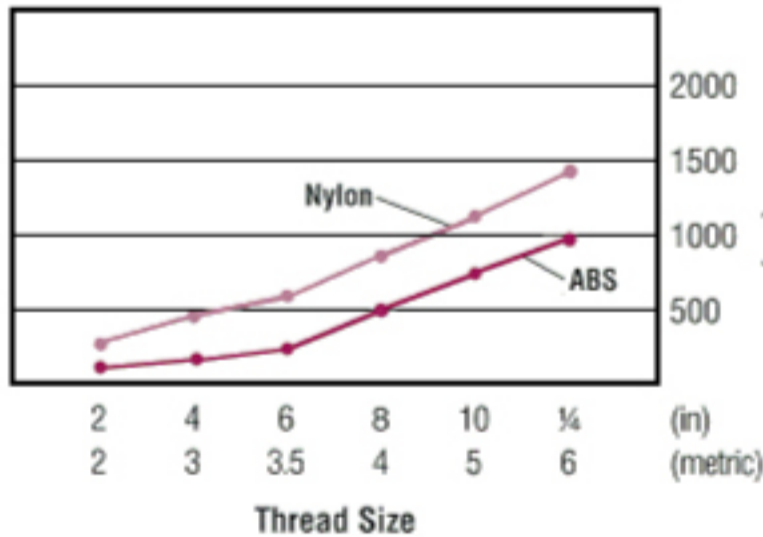
Unique exterior barb pattern makes it possible to install Barb-Sert®s into straight or slightly tapered holes using a variety of methods such as push-in, ultrasound or heat.

Barbs displace and capture plastic base material during installation to firmly lock the insert in place.

The **pilot ring** eases orientation and guides installation. Headed versions are also available.

High-quality internal threads are wear resistant, Unified and American Standard, class 2B, or ISO Metric standard, class 6H threads.

Pull-Out Resistance



Performance Data

Internal Thread Size (in) (metric)	Pull-Out Resistance (lb)	
	ABS	Nylon
2 2	140	240
4 3	270	420
6 3.5	330	590
8 4	500	800
10 5	710	1100
1/4 6	990	1410

* Representative performance data for regular length. Preproduction prototype testing recommended for your application.

Specifications

Inch Sizes		Metric Sizes		D Diameter	L Length		H Recommended Hole Diameter	W Recommended Minimum Wall Thickness
Internal Thread Size	Part Number	Internal Thread Size	Part Number		Regular	Short		
2-56	B08656-30	M2 x 0.4	B02545-30	.173	.205	.160	.159	.067
2-56	BS08656-30	M2 x 0.4	BS02545-30	.173	.205	.160	.159	.067
4-40	B11240-30	M3 x 0.5	B03050-30	.173	.205	.160	.159	.067
4-40	BS11240-30	M3 x 0.5	BS03050-30	.173	.205	.160	.159	.067
6-32	B13832-30	M3.5 x 0.6	B03560-30	.217	.276	.160	.196	.089
6-32	BS13832-30	M3.5 x 0.6	BS03560-30	.217	.276	.160	.196	.089
8-32	B16432-30	M4 x 0.7	B04070-30	.250	.335	.217	.229	.098
8-32	BS16432-30	M4 x 0.7	BS04070-30	.250	.335	.217	.229	.098
10-24	B19024-30	M5 x 0.8	B05080-30	.280	.395	.257	.255	.114
10-24	BS19024-30	M5 x 0.8	BS05080-30	.280	.395	.257	.255	.114
10-32	B19032-30			.280	.395	.257	.255	.114
10-32	BS19032-30			.280	.395	.257	.255	.114
1/4-20	B25020-30	M6 x 1	B06010-30	.335	.500	.296	.320	.130
1/4-20	BS25020-30	M6 x 1	BS06010-30	.335	.500	.296	.320	.130