

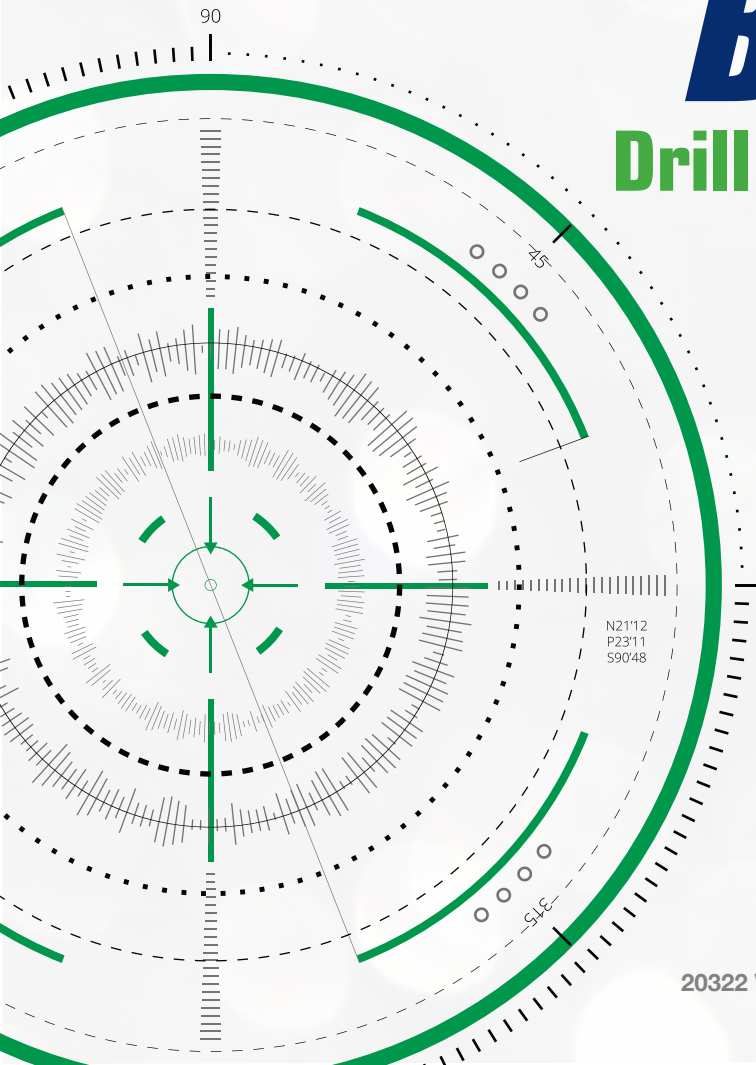
ENTRY

We know
the drill.



BULLSEYE[®]

Drill Registration Sheet



Provides Excellent Accuracy – allows you to maintain hole location from the stack's entry side to the exit side

Minimize Drill Deflection – proprietary coating holds the drill immediately upon contact creating a perfect bushing, eliminating deflection

Excellent Visualization – Bullseye[®] is a brilliant green that enables superior visualization during and after drill

One Product For All Drill Sizes – can be used for all drill diameters from 0.10mm – 6.35mm

Easy To Handle – lays flat on the PCB stack and will not soften by heat. The material does not require gloves or any special handling techniques

Guarantee – Behind every LCOA product stands the LCOA guarantee: Any LCOA product proven defective will be replaced or refunded

L.C.O.A.[®]
LAMINATING COMPANY OF AMERICA

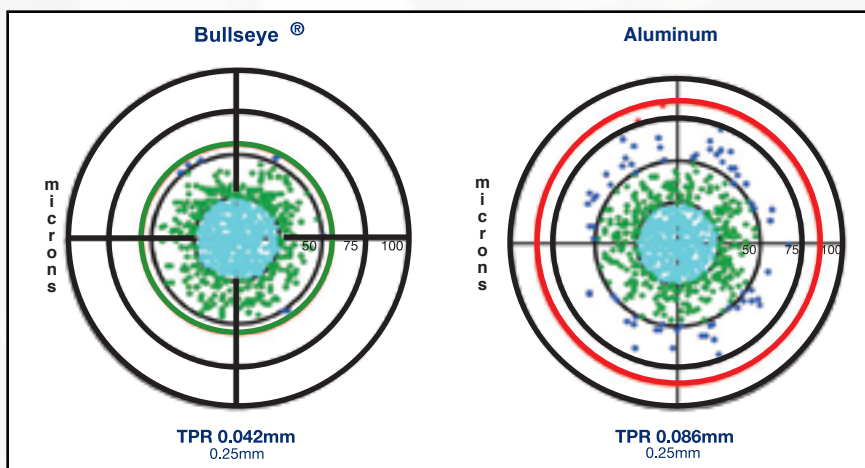


Engineered Entry Material

LCOA Bullseye® is a unique, innovative entry material that offers the user the best possible accuracy on a full range of diameters used in PCB manufacturing. Bullseye® is a combination of a non-contaminating carrier sheet and our proprietary coating, providing a unique surface for the drill to center and stabilize before entering the laminate. The proprietary coating is engineered to machine effortlessly without wrapping around the tool, turning to dust and evacuated by the vacuum system. Bullseye™ resists scratching, denting, and damage from the pressure foot.

LOCATION COMPARISON

Material: Hi Tg Lead Free
(2-sided Cu: 35/35 μm)
Stack: 2-high
Panel Thickness: 1.60mm
Entry: 0.18mm aluminum
LCOA Bullseye®
Drill Diameter: 0.35mm
In-Feed: 3.23 m/min
Chipload: 20 m/rev
RPM: 113,500 (125 SMM)
Retract: 10 m/min



TECHNICAL DATA

THICKNESS:	0.009" \pm 0.001"	(0.22mm \pm 0.025mm)
CUT TOLERANCE	\pm 0.0625"	(\pm 1.6mm)
SIZES	Most panel and sheet sizes available. Consult your local distributor of contact LCOA for additional information.	

QUALITY CONTROL

The consistently high-quality of LCOA Bullseye® is guaranteed by the tightest production tolerances in conjunction with permanent product controls corresponding to ISO 9001.

STORAGE

LCOA Bullseye® should remain sealed in its original packing until use. It should be stored under the same temperature and humidity conditions that surround the working area. Rapid change of these conditions will cause moisture fall out resulting in subsequent warp.

Best storage at:	65° - 75°F	(18° - 24°C)
	<55% rH	