



Backup and Entry Solutions for the
Printed Circuit Board Industry

TRISTAR ENTRY

TRISTAR TSA-12 Entry and *TRISTAR* Spectrum I, represent the next generation of drill entry for the Printed Circuit Board Industry. TSA-12 and Spectrum I incorporate a random fiber, non-abrasive core, laminated between two outer skins of aluminum alloy. The hard flat outer surface eliminates burrs and pressure foot damage. This unique construction creates the perfect bushing effect which allows for unmatched drill accuracy. Reduced drill wear, cooler drilling temperatures, and dramatic reduction in drill breakage, are benefits which TSA-12 and Spectrum I introduce into the drilling process.

TSA-12 ENTRY

Product Specifications: 0.012 inches (0.305 mm) +/- .001 inches (0.025 mm)

Standard Sheet Size:

36" x 48" (914 mm x 1219 mm)
42" x 48" (1067 mm x 1219 mm)
48" x 48" (1219 mm x 1219 mm)

Cut Size: Minimum factory size is 10" x 10" (254 mm x 254 mm)

Fabrication Specifications: Cutting tolerance +/- 0.063 inches (1.6 mm)

SPECTRUM I ENTRY

Product Specifications: .009 inches (.229 mm) +/- .001 inches (.0254 mm)

Standard Sheet Size:

36" x 48" (914 mm x 1219 mm)
42" x 48" (1067 mm x 1219 mm)
48" x 48" (1219 mm x 1219 mm)

Cut Sizes: Minimum factory size is 10" x 10" (254 mm x 254 mm). Consult your local distributor for size requirements.

Fabrication Specifications: Cutting tolerance +/- 0.063 inches (1.6 mm)