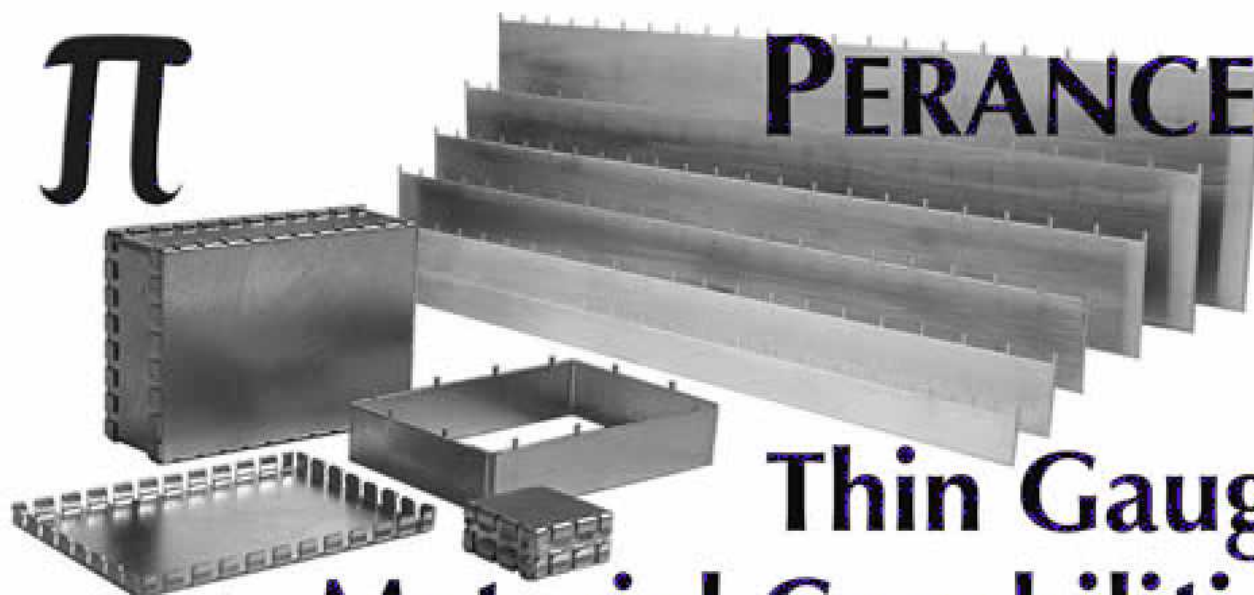


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PERANCEA



Thin Gauge Material Capabilities

Perancea has developed its expertise for fabrication using thin gauge materials down to 0.2mm based on extensive CNC technology providing a highly competitive alternative solution to chemical etching. Based on the significant advantages of the company's ready formed boxes and enclosures, Perancea solutions are shipped ready for instant use rather than as flat sheet forms that require folding as normally associated with chemically etched parts.

With expertly designed in-house tooling, Perancea now offers high quality, thin, burr free components for high reliability solutions that are not usually associated with this highly cost effective production method. The complete range of Perancea standard sizes and styles as well as custom designs are now available to special order in thinner materials:

Thickness (mm)	0.20	0.34	0.40	0.54	0.60	0.70	0.914	1.219
Mild Steel (BS1449 Pt 1 CR4)	✓	✓	✗	✓	✓	✗	✓	✓
Electrolytic Tinplate (BS2920)	✓	✓	✓	✓	✗	✗	✗	✗
Copper (half hard) (BS2870 EN1172)	✗	✗	✓	✓	✗	✓	✓	✓
Brass (half hard) (BS2870 ENCW 508L)	✗	✓	✗	✓	✗	✓	✓	✓
Nickel Silver (BS2870 NS106)	✗	✓	✓	✗	✓	✗	✓	✗
Aluminium (qtr hard) (BS5251 NS4)	✗	✗	✗	✗	✗	✓	✓	✓

NB: Manufacturers' tolerances on thin gauge materials can vary nominal thicknesses by up to 10%.

Perancea offers a choice of finishes including **hot tin dip** to BS EN 29453 BS219 grade K, **bright acid tin & electro-tin** to BS 1872, **nickel plate** to BS EN 12540, **electroless nickel** to DEF 03-5 Iss.B and **zinc** to BS EN 12329 & 12330.

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If your product requires thin gauge materials and you want more competitive prices than chemical etching, call Perancea now and see what we can do for you.

In line with our policy of continuous improvement, we reserve the right to make design or product alterations without prior notice.