

# PRINCIPLES

## Lameco laminated shims



Any mechanical assembly is built of parts manufactured to specified machining tolerances. In a complex assembly of several hundred or thousand parts these tolerances soon add up. Unpredictable and undesirable clearances will generally be discovered once the assembly is completed. Bad fit leads to harsh wear and tear in use and early, possibly catastrophic mechanical failure.

**LAMECO offers a solution, the superior technology-oriented solution: the Laminated Shim.**

**Principle: precision manufactured from metals or high technology composites (\*) which have the property of being easily peelable into micro fine strips of a few hundredths of a millimeter / of four tenth thousands of an inch.**

### What are the advantages of a laminated shim?

Time saving, precision, repeatability, and predictability. Put that grinding machine to work elsewhere and enjoy the LAMECO laminated shim quality / price ratio.

#### SPEED

LAMECO laminated shims are quickly and easily peeled using a scalpel (or forefinger with INTERCOMPOSITE®, DUOPEEL®, X.FIBER®, COBRA.X®, X.FIBER HIGH-DENSITY®, PEEKPEEL® shims or the entire range of INSTANT-PEEL® metal products shims - see the cards of these products). Therefore it instantly fulfills its function, whereas an adjustment shim has first to be submitted to grinding.

It thus saves considerable time and spares idle time in production.

#### PRECISION

The laminated shim guarantees an optimal precision which pilings cannot achieve in any way.

\*INTERCOMPOSITE®, DUOPEEL®, X.FIBER®, COBRA.X®, INSTANT-PEEL®, X.FIBER HIGH-DENSITY®, PEEKPEEL® - Trademarks registered, see patent numbers on the sheet devoted to each of these products.

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### THE LAMECO SPECIALITY: IMPECCABLE QUALITY

Each individual layer of our laminated shims is bonded to the next across its entire surface and not just at the edges.

Furthermore, thanks to our proprietary production processes, they are perfectly flat and entirely devoid of burrs - whether made of metal or composite material.

### STANDARDS

Finally, various standards and numerous specifications have been drafted for the laminated shim definition, use and manufacturing. They result from the work of all industrial sectors involving precise machining and assemblies.

Nowadays, no engineering and design department can design any mechanical assembly without providing for the use of laminated shims.

**This is why, today, laminated metal and composite shims have become indispensable tools.**

## Let us recap

So you're looking for **Peelable Shims**?

- **Truly Peelable?**
- **Without any burrs, a flawless finish that minimizes any risk of cuts?**
- **With entirely reliable delivery times, which on request are the fastest in the industry?**
- **Which guarantees precision to a few hundredths of a millimeter / four tenth thousands of an inch when needed.**

**Choose LAMECO!**



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