

SOLID SHIMS & EXTRA - THIN

SOLID SHIMS, FOILS AND EXTRA-THIN SHIMS

Solid shims, whether ground or otherwise, consist of a close-grained material of predetermined thickness. They are used in all cases in which there are significant stresses (vibration, tension, shear forces, etc.). They are of very high accuracy since they are strictly made to measure and for immediate use on site. They are therefore found in some aeronautical mechanical assemblies such as mountings for equipments mounted on civil and military aircraft engines.

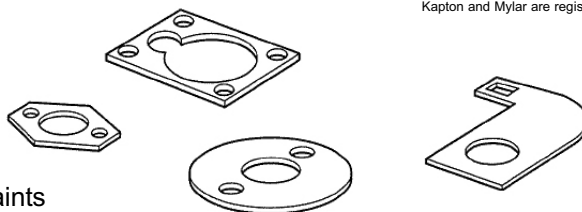
Individual extra-thin shims are solid shims used to compensate for play that is often less than 1/10th of a millimetre. Made to drawing, in steel, aluminium, stainless steel or polymer, they are produced in thicknesses of 0.025, 0.05, 0.10 and 0.20 mm and even down to 0.01 mm for stainless steel. Whatever the shape, they are machined and not cut out. Jicey therefore guarantees a high precision part without burrs for very thin shimming.

Solid shims are available in a very wide range of dimensions, thicknesses, hardnesses and materials:

- Carbon steels from foils or sheets of 1000 x 1000 or 1500 x 2500 mm (DC03 / DC04 steel with average mechanical resistance, XC75 steel, tempered or not, with strong mechanical resistance)
- Stainless steels from foils or sheets of 1000 x 1000 or 1500 x 2500 mm (AISI 304 / 306 / 321 stainless steel)
- Special aeronautical steels from sheets of 1000 x 2000, 5/10ths to 3 mm thick (X17U4 / 15CDV6 steel)
- Aluminium (1050 - 2024)
- Brass (UZ10 / 30 / 33)
- Bronze (UBE2)
- Titanium
- PVC, ABS, Polyester, Kapton, Mylar

ADVANTAGES:

- Extreme precision
- Strictly made to measure
- Immediate use
- High resistance to constraints
- Thicknesses from 0.01 mm for stainless steel



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