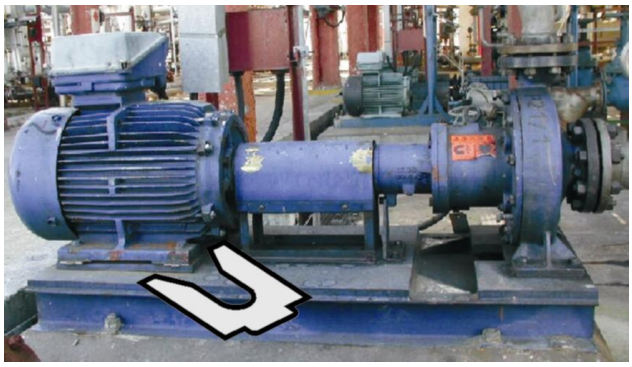
Steel shims for machine alignment

Why CMMS shims?



Safer work place

Our pre-cut shims contribute to safe working practices, reducing the danger of injury during installation and cutting. All are finished with rounded corners and are perfectly deburred for maximum safety.

More reliable

Pre-cut shims offer increased machine reliability. The more exactly are machines aligned, the longer they are likely to run without breakdown or damage.

Increased accuracy

When accuracy to hundredths of a millimeter is vital in providing optimum support for machine feet during rotating operations; even the merest fraction of inaccuracy can cause vibration, which in turn way may result in breakdowns and expensive machine downtime. The use of pre-cut shims offers consistently accurate positioning, so reducing the likelihood of such disasters.

Cost savings

It has been shown that pre-cut shims are around four times more cost effective than hand-cut machine shims in time alone. You only need to think about how long it takes to find shim material of the required thickness; mark it; cut it from the sheet stock; deburr and flatten it. How much simpler and quicker it is to select one that's all ready to use from the shelf. And, remember that installation and repair are also made easier and more straightforward with the pre-cut version.

Easier stock control

Keeping track of pre-cut shims – which come packed in special cases, each containing shims of different thickness separated by clearly visible dividers – is far easier and less time consuming than running an inventory of sheet stock.

Advantages of CMMS shims

- pre-cut shims are available in many pre-packed options to suit your requirements
- pre-cut shims are easily and quickly identified by permanent marks indicating thickness and dimensions
- pre-cut shims are completely flat, ensuring stability and consistent machine support over the full surface of the shim
- pre-cut shims are burr-free and have specially rounded corners to avoid injury to operatives during alignment positioning
- pre-cut shims have an extraction and insertion tab to facilitate positioning and removal, each clearly marked with thickness
- pre-cut shims are made from high-quality stainless steel to prevent corrosion from exposure to acids and alkanes. Austenitic stainless steel EN 10027-2–1,4310-5 (before DIN X9CrNi18 8) + 2H (shiny surface), 17249 cold rolled. Stiffness Rm 1200 – 1800 MPa.
- Tolerances according to DIN 17222/75 tolerance „C“ T2:

Thickness	Tolerance
0,010 – 0,024	± 0,002 mm
0,025 – 0,029	± 0,003 mm
0,100 – 0,124	± 0,005 mm
0,400 – 0,499	± 0,012 mm

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