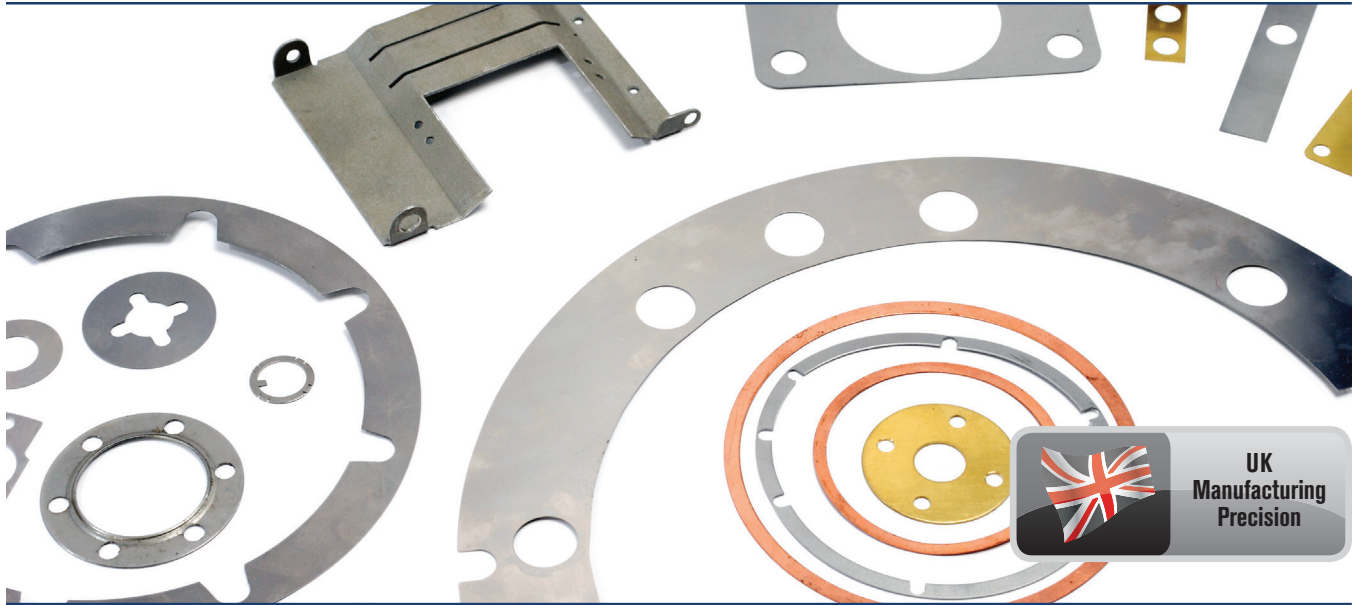


Shims to Order



Shims are commonly used for aligning or spacing between two components or surfaces to allow for wear compensation or tolerance accumulation (dimensional variance). The process of placing and removing pieces of shim for alignment acquired the name “shimming”. Similarly shims are used for bearing adjustment. Shims can be manufactured from various materials and take many profiles.

Laminated shims provide peelable layers allowing for variable thicknesses to reduce working time, and the necessity to stock a large variety of shim thicknesses. Laminated shims can also be used to remove the wear out of rotating shafts and adjusting the tolerances on the top and bottom of the alignment.

The differing applications for shims are listed below and further information can be acquired from www.shimpress.co.uk

Most commonly used in Construction, Aerospace. Automotive and Agriculture Engineering, and composites.

<ul style="list-style-type: none"> • Brass 	<ul style="list-style-type: none"> • Stainless Steel 	<ul style="list-style-type: none"> • Laminated Steel • Laminated Brass • Laminated Aluminium • Aluminium 	<ul style="list-style-type: none"> • Copper 	<ul style="list-style-type: none"> • Steel (CS4 CR4) 
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- Rectangular, circular or special shapes
- Steel, brass, stainless, copper and laminated
- Thickness range .001” (0.025mm) to .125” (3.125mm) dependent on material
- Rapid quotation and manufacturing service
- Competitive Prices
- Quality Assured
- Quality Materials
- Large Tooling Range Available
- Deliveries to suit your requirements

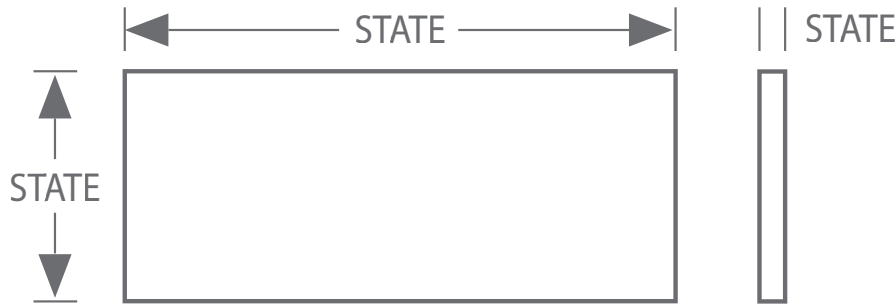
Various Applications

- Pumps
- Clutches
- Actuators
- Brakes
- Valves
- Compressors
- Power Transmissions
- Gear Boxes

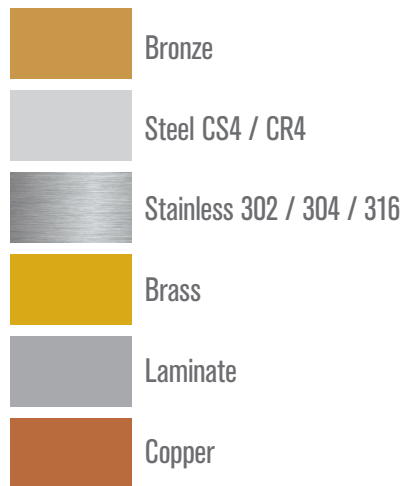


Part Marking

Shim Material



- All thicknesses to standard gauge sizes.
- Other materials available to order – Aluminium, Phosphor Bronze.
- Also Laminated Steel, Brass, Aluminium, Stainless Steel.
- Parallel flat services for use with other clamps or by itself.



Steel			CS4/CR4			Brass			CZ108			Stainless			302		
Thickness		Width	Thickness		Width	Thickness		Width	Thickness		Width	Thickness		Width	Thickness		Width
.001	(.025mm)	12"	.002	(.05mm)	8"	.001	(.025mm)	12"									
.0015	(.038mm)	12"	.003	(.076mm)	12"	.002	(.05mm)	12"				.002	(.05mm)	12"			
.002	(.05mm)	24"	.004	(.1mm)	6"	.003	(.076mm)	12"				.003	(.076mm)	12"			
.003	(.076mm)	24"	.005	(.127mm)	12"	.004	(.1mm)	12"				.004	(.1mm)	12"			
.004	(.1mm)	24"	.010	(.25mm)	12"	.005	(.127mm)	12"				.005	(.127mm)	12"			
.005	(.127mm)	24"	.015	(.38mm)	12"	.006	(.152mm)	12"				.006	(.152mm)	12"			
.006	(.152mm)	24"	.020	(.5mm)	12"	.008	(.2mm)	12"				.008	(.2mm)	12"			
.007	(.177mm)	24"				.010	(.25mm)	12"				.010	(.25mm)	12"			
.008	(.2mm)	24"				.015	(.38mm)	6"				.015	(.38mm)	6"			
.010	(.25mm)	24"				.020	(.5mm)	12"				.020	(.5mm)	12"			
.012	(.30mm)	12"				.025	(.635mm)	12"				.025	(.635mm)	12"			
.015	(.38mm)	24"				.030	(.76mm)	TO ORDER				.030	(.76mm)	TO ORDER			
.020	(.5mm)	24"				.040	(1mm)	TO ORDER				.040	(1mm)	TO ORDER			
.025	(.635mm)	12"															
.030	(.76mm)	TO ORDER															
.030	(.91mm)	TO ORDER															
.040	(1mm)	TO ORDER															
.050	(1.27mm)	TO ORDER															
.060	(1.5mm)	TO ORDER															
.080	(2.03mm)	TO ORDER															
.100	(2.54mm)	TO ORDER															
.118	(3mm)	TO ORDER															
.125	(3.17mm)	TO ORDER															