

STDCSS NIST Certified Plastic Shim Set, Includes 8 Size Shims



Our STDCSS is a set of 8 plastic shims that simulate a coating over a particular substrate material or shape. The shims allow users to check coating thickness gauge performance and help with calibration adjustment.

The shims can also be used to protect the probe from damage or premature wear when placed over hot or abrasive surfaces. They can also be placed on top of soft or tacky coatings to obtain thickness measurements without the probe having to make direct contact with coating material.

Shim Thickness

Approximate Thickness	Color
25 μm (1 mil)	Orange
50 μm (2 mil)	Red
75 μm (3 mil)	Green
125 μm (5 mil)	Blue
250 μm (10 mil)	Brown
500 μm (20 mil)	Yellow
1000 μm (40 mil)	White
1500 μm (60 mil)	Black

Accuracy: $\pm 2 \mu\text{m}$ (± 0.08 mil)

Features

- Certified shims provide an economical alternative to Coated Metal Plates but have a reduced accuracy
 - Certified and labeled in both Metric and Imperial units
 - Supplied in protective pouch
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