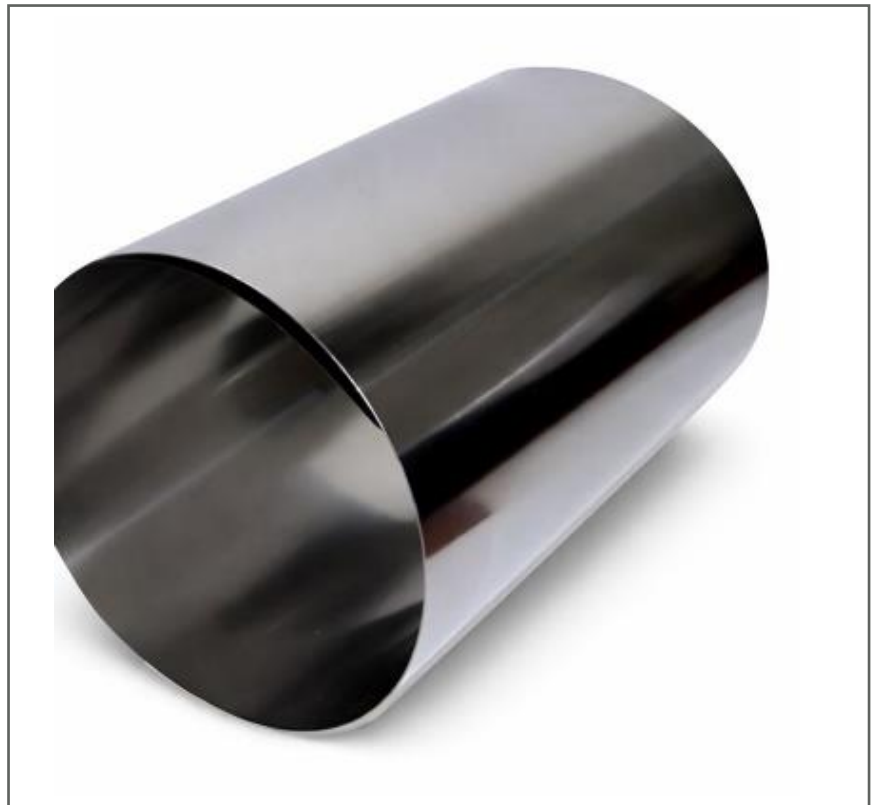


## Features

- **Packaging:** Supplied in a durable can in order to maintain the material's flatness and protect against corrosion.
- **Material:** Made from full-hard, cold-rolled, low-carbon 1008-1010 steel.
- **High Hardness:** The steel offers excellent resistance to deformation under significant loads, suitable for high-stress industrial environments.
- **Precision Tolerances:** The material is manufactured to rigorous precision tolerances, ensuring a uniform and consistent thickness across the entire roll or sheet.
- **Available in both rolls and assortment kits** for flexibility in various applications, allowing users to cut and shape the material to specific requirements.

## RS PRO CARBON (SHIM IN A CAN) L:2500MM X W:150MM X T:0.05MM

RS Stock No: 0767722



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

**Product Description*****RS PRO Precision Carbon Steel "Shim in a Can"***

*RS PRO Precision Carbon Steel "Shim in a Can" provides a carbon steel packing shim used for precision levelling and spacing in engineering, construction, and carpentry.*

***Key Features:***

- *Carbon steel shims are known for their strength and durability, handling heavy loads and resisting wear well in high-stress environments.*
- *Corrosion Protection: Often supplied in a protective tube or "box" to maintain flatness and prevent oxidation.*
- *Can be easily cut into custom shapes for machinery maintenance, tool and die setup, and motor mounting.*
- *High-hardness temper makes it suitable for applications requiring minimal deformation under load.*

***Applications:***

- *Level surfaces in industrial and mechanical applications.*
- *Aligning and levelling pumps, motors, and other heavy machinery.*
- *Spacing for fasteners and securing bolts in construction.*
- *Adjusting tool and die sets during manufacturing.*
- *Machine Repair - Used to fill small gaps*

**General Specifications**

|           |                                            |
|-----------|--------------------------------------------|
| Material  | Steel (full hard, cold rolled, low carbon) |
| Form      | Shim in a Can                              |
| Length    | 2500MM                                     |
| Width     | 150MM                                      |
| Thickness | 0.05MM                                     |

**Mechanical Properties**

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| Ultimate Tensile Strength | 185,000 psi minimum                                              |
| Hardness                  | Rockwell RB90 Minimum                                            |
| Density                   | Approximately 7.85 g/cm <sup>3</sup> (0.284 lb/in <sup>3</sup> ) |
| Melting Range             | 1,425 – 1,540 °C (2,600 – 2,800 °F)                              |
| Thermal Conductivity      | ~51.9 W/m·K                                                      |

**Approvals**

|                           |                                     |
|---------------------------|-------------------------------------|
| Compliance/Certifications | AISI-1008 / AISI-1010 and ASTM A109 |
|---------------------------|-------------------------------------|

**Similar Products**

| RS Code | Form | Thickness |
|---------|------|-----------|
| 0767718 | BOX  | 0.50MM    |
| 0767720 | CAN  | 0.20MM    |
| 0767721 | CAN  | 0.25MM    |
| 0767723 | CAN  | 0.10MM    |
| 0767724 | CAN  | 0.30MM    |
| 0767726 | CAN  | 0.15MM    |

|         |                  |                                                                                                             |
|---------|------------------|-------------------------------------------------------------------------------------------------------------|
| 0767727 | BOX              | 0.40MM                                                                                                      |
| 0767728 | BOX              | 0.80MM                                                                                                      |
| 0767729 | BOX              | 0.65MM                                                                                                      |
| 0767730 | ASSORTED 8 PACK  | 0.05MM, 0.10MM, 0.15MM, 0.20MM, 0.25MM, 0.30MM, 0.40MM, 0.50MM                                              |
| 0767732 | CAN              | 0.010IN                                                                                                     |
| 0767733 | CAN              | 0.004IN                                                                                                     |
| 0767734 | CAN              | 0.002IN                                                                                                     |
| 0767735 | CAN              | 0.005IN                                                                                                     |
| 0767736 | BOX              | 0.020IN                                                                                                     |
| 0767737 | BOX              | 0.015IN                                                                                                     |
| 0767738 | CAN              | 0.003IN                                                                                                     |
| 0767739 | CAN              | 0.008IN                                                                                                     |
| 0767740 | BOX              | 0.025IN                                                                                                     |
| 0767741 | ASSORTED 12 PACK | 0.001IN, 0.0015IN, 0.002IN, 0.003IN, 0.004IN, 0.005IN, 0.006IN, 0.007IN, 0.008IN, 0.010IN, 0.012IN, 0.015IN |