

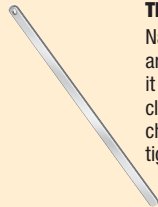
1-800-GRAINGER (472-4643)

Shim Information


Shims are precisely gauged in multiple thicknesses to provide accurate spacing for a variety of uses:

- Equipment leveling during installation
- Machine assembly, repair, and maintenance
- Tool and die setup and alignment
- Mounting, leveling, and aligning motors and pumps

Thickness Gauges
Narrow shims that are used whenever it is required to set close spacing or to check extremely tight tolerances.



Roll
Sheet



SHIM TYPES

Shim Stock
Easy to form and fabricate, shim **Rolls** or **Sheets** can be cut, stamped, bored, milled, sheared, and drilled into almost any shape required to make custom shims.

Slotted Shim
Slotted Shim with Tab



Slotted Shims
Help solve alignment and leveling problems, and eliminate misalignment of expensive machines. End tabs help prevent workers from placing hands under machinery.



Shim Stock—Rolls

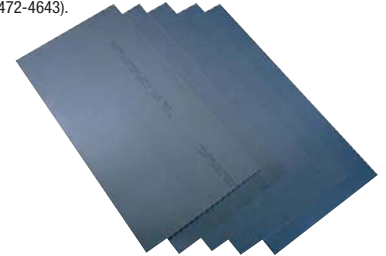
Note: Additional sizes are available; call 1-800-GRAINGER (472-4643).

Shim Thickness	Shim Width	Shim Length	Item No.	Shim Thickness	Shim Width	Shim Length	Item No.	
Maudlin Products								
302 Stainless Steel								
0.001 in	6 in	100 in	2NZ26	0.015 in	6 in	100 in	3L465	
0.002 in	6 in	100 in	2NZ27	0.015 in	12 in	120 in	5EU92	
0.003 in	6 in	100 in	2NZ28	0.02 in	6 in	100 in	3L472	
0.004 in	6 in	100 in	2NZ29	0.02 in	6 in	180 in	5EY20	
0.005 in	6 in	100 in	2PAA1	0.02 in	12 in	120 in	5EU95	
0.006 in	6 in	100 in	2PAA2	0.025 in	6 in	100 in	3L476	
0.007 in	6 in	100 in	2PAA3	0.025 in	12 in	120 in	5EU97	
0.008 in	6 in	100 in	2PAA4	0.031 in	6 in	100 in	3L478	
0.009 in	6 in	100 in	2PAA5	0.031 in	12 in	120 in	5EU99	
0.01 in	6 in	100 in	2PAA6	1095 Steel				3L709
0.012 in	6 in	100 in	2PAA7	110 Copper				5HA12
0.015 in	6 in	100 in	2PAA8	0.001 in	6 in	100 in	5HA13	
0.02 in	6 in	100 in	2PAA9	0.002 in	6 in	100 in	5HA16	
0.025 in	6 in	100 in	2PAC1	0.005 in	6 in	100 in	5HA20	
0.031 in	6 in	100 in	2PAC2	260 Brass				3L485
316 Stainless Steel								
0.002 in	6 in	50 in	2NZW6	0.001 in	6 in	100 in	3L489	
0.002 in	6 in	100 in	2NZY6	0.001 in	6 in	180 in	5EY83	
0.002 in	12 in	50 in	2NZX6	0.002 in	6 in	100 in	3L489	
0.003 in	6 in	50 in	2NZW7	0.002 in	6 in	180 in	5EY88	
0.003 in	6 in	100 in	2NZY7	0.003 in	6 in	100 in	3L492	
0.003 in	12 in	50 in	2NZX7	0.004 in	6 in	100 in	3L494	
0.004 in	6 in	50 in	2NZW8	0.005 in	6 in	100 in	3L496	
0.004 in	6 in	100 in	2NZY8	0.006 in	6 in	100 in	3L498	
0.004 in	12 in	50 in	2NZX8	0.007 in	6 in	100 in	3L501	
0.005 in	6 in	50 in	2NZW9	0.008 in	6 in	100 in	3L503	
0.005 in	6 in	100 in	2NZY9	0.01 in	6 in	100 in	3L507	
0.005 in	12 in	50 in	2NZX9	0.012 in	6 in	100 in	3L509	
0.007 in	6 in	50 in	2NZX1	0.015 in	6 in	100 in	3L512	
0.007 in	6 in	100 in	2NZY1	0.02 in	6 in	100 in	5EY87	
0.007 in	12 in	50 in	2NZX2	0.02 in	6 in	100 in	3L514	
0.01 in	6 in	50 in	2NZW2	0.025 in	6 in	100 in	3L516	
0.01 in	6 in	100 in	2NZY2	0.031 in	6 in	100 in	3L518	
0.01 in	12 in	50 in	2NZX3	0.031 in	6 in	180 in	5EY92	
0.015 in	6 in	50 in	2NZW3	302 Stainless Steel				3L596
0.015 in	6 in	100 in	2NZY3	0.0005 in	6 in	50 in	5FA59	
0.015 in	12 in	50 in	2NZX4	0.001 in	6 in	50 in	3L598	
0.02 in	6 in	50 in	2NZW4	0.001 in	12 in	50 in	5FA37	
0.02 in	6 in	100 in	2NZY4	0.0015 in	6 in	50 in	3L601	
0.02 in	12 in	50 in	2NZX5	0.002 in	6 in	50 in	3L603	
0.025 in	6 in	50 in	2NZW5	0.002 in	12 in	50 in	5FA38	
0.025 in	6 in	100 in	2NZY5	0.003 in	6 in	50 in	3L605	
0.025 in	12 in	50 in	2NZX6	0.003 in	12 in	50 in	5FA39	
Precision Brand								
1008-1010 Steel								
0.001 in	6 in	100 in	3L432	0.0039 in	150 mm	1.25 m	5FA57	
0.002 in	6 in	100 in	3L436	0.004 in	6 in	50 in	3L607	
0.002 in	6 in	180 in	5EY18	0.004 in	12 in	50 in	5FA40	
0.002 in	12 in	120 in	5EU80	0.005 in	6 in	50 in	3L609	
0.003 in	6 in	100 in	3L441	0.005 in	12 in	50 in	5FA41	
0.003 in	6 in	180 in	5EY23	0.006 in	6 in	50 in	5FA42	
0.004 in	6 in	100 in	3L445	0.008 in	6 in	50 in	3L689	
0.005 in	6 in	100 in	3L447	0.01 in	6 in	50 in	3L693	
0.005 in	6 in	180 in	5EY27	0.01 in	12 in	50 in	5FA45	
0.005 in	12 in	120 in	5EU83	0.0118 in	150 mm	1.25 m	5FA61	
0.006 in	6 in	100 in	3L449	0.015 in	6 in	50 in	3L697	
0.007 in	6 in	100 in	3L452	0.015 in	12 in	50 in	5FA47	
0.008 in	6 in	100 in	3L454	0.0197 in	150 mm	1.25 m	5FA63	
0.01 in	6 in	100 in	3L458	0.02 in	6 in	50 in	3L699	
0.01 in	6 in	180 in	5EY12	0.02 in	12 in	50 in	5FA48	
0.01 in	12 in	120 in	5EU88	0.025 in	6 in	50 in	3L701	
				0.031 in	6 in	50 in	3L703	
				H18/H19 Aluminum				5HA23
				0.003 in	6 in	100 in	5HA28	
				0.01 in	6 in	100 in		

Shim Stock—Sheets

Note: Additional sizes are available; call 1-800-GRAINGER (472-4643).

Shim Thickness	Shim Width	Shim Length	Thickness Tolerance	Color	Item No.	Pkg. Qty.
1095 Blue Tempered Spring Steel						
0.008 in	6 in	25 in	+/-0.00075 in	—	3L719	2
0.01 in	6 in	25 in	+/-0.001 in	—	3L721	2
0.012 in	6 in	25 in	+/-0.001 in	—	3L723	2
0.015 in	6 in	25 in	+/-0.0015 in	—	3L725	2
0.02 in	6 in	25 in	+/-0.002 in	—	3L727	2
0.025 in	6 in	25 in	+/-0.002 in	—	3L729	2
0.032 in	6 in	25 in	+/-0.002 in	—	3L731	2
260 Alloy Brass						
0.001 in	6 in	18 in	+/-0.0001 in	—	5EY99	10
0.0015 in	6 in	18 in	+/-0.00015 in	—	5FA10	10
0.002 in	6 in	18 in	+/-0.0002 in	—	5FA11	10
0.003 in	6 in	18 in	+/-0.0003 in	—	5FA12	10
0.004 in	6 in	18 in	+/-0.0004 in	—	5FA13	10
0.005 in	6 in	18 in	+/-0.0005 in	—	5FA14	10
0.006 in	6 in	18 in	+/-0.0006 in	—	5FA15	10
0.01 in	6 in	18 in	+/-0.0008 in	—	5FA19	10
0.012 in	6 in	18 in	+/-0.0008 in	—	5FA20	10
0.012 in	6 in	25 in	+/-0.0008 in	—	5EY77	2
0.015 in	6 in	18 in	+/-0.0010 in	—	5FA21	10
0.015 in	6 in	25 in	+/-0.0010 in	—	5EY78	2
0.02 in	6 in	18 in	+/-0.0013 in	—	5FA22	10
0.02 in	6 in	25 in	+/-0.0013 in	—	5EY80	2
0.025 in	6 in	18 in	+/-0.002 in	—	5FA23	10
0.025 in	6 in	25 in	+/-0.002 in	—	5EY81	2
0.031 in	6 in	18 in	+/-0.002 in	—	5FA24	10
0.031 in	6 in	25 in	+/-0.002 in	—	5EY82	2
303 Stainless Steel						
0.008 in	6 in	25 in	+/-0.0008 in	—	5FA49	2
0.01 in	6 in	25 in	+/-0.001 in	—	5FA50	2
0.012 in	6 in	25 in	+/-0.001 in	—	5FA51	2
0.015 in	6 in	25 in	+/-0.001 in	—	5FA52	2
0.02 in	6 in	25 in	+/-0.0015 in	—	5FA53	2
0.025 in	6 in	25 in	+/-0.0015 in	—	5FA54	2
0.025 in	12 in	24 in	+/-0.0015 in	—	5FA66	2
0.031 in	6 in	25 in	+/-0.002 in	—	5FA55	2
0.031 in	12 in	24 in	+/-0.002 in	—	5FA67	2
Low Carbon Steel						
0.001 in	6 in	18 in	+/-0.0001 in	—	5EY32	10
0.0015 in	6 in	18 in	+/-0.00015 in	—	5EY33	10
0.002 in	6 in	18 in	+/-0.0002 in	—	5EY34	10
0.0025 in	6 in	18 in	+/-0.00025 in	—	5EY35	10
0.003 in	6 in	18 in	+/-0.0003 in	—	5EY36	10
0.0035 in	6 in	18 in	+/-0.00035 in	—	5EY37	10
0.004 in	6 in	18 in	+/-0.0004 in	—	5EY38	10
0.005 in	6 in	18 in	+/-0.0005 in	—	5EY39	10
0.006 in	6 in	18 in	+/-0.0006 in	—	5EY40	10
0.007 in	6 in	18 in	+/-0.0007 in	—	5EY41	10
0.008 in	6 in	18 in	+/-0.00075 in	—	5EY42	10
0.009 in	6 in	18 in	+/-0.0008 in	—	5EY43	10
0.01 in	6 in	18 in	+/-0.0008 in	—	5EY44	10
0.012 in	6 in	18 in	+/-0.00075 in	—	5EY45	10
0.012 in	6 in	25 in	+/-0.00075 in	—	5EU89	2
0.015 in	6 in	18 in	+/-0.00075 in	—	5EY47	10
0.018 in	6 in	18 in	+/-0.00075 in	—	5EY49	10
0.02 in	6 in	18 in	+/-0.001 in	—	5EY50	10
0.022 in	6 in	18 in	+/-0.001 in	—	5EY51	10
0.025 in	6 in	18 in	+/-0.001 in	—	5EY52	10
0.031 in	6 in	18 in	+/-0.0015 in	—	5EY53	10
0.031 in	6 in	25 in	+/-0.0015 in	—	5EU98	2



Shim Thickness	Shim Width	Shim Length	Thickness Tolerance	Color	Item No.	Pkg. Qty.
Plastic						
0.0005 in	5 in	20 in	+/-0.000025 in	Silver	5GE80	5
0.001 in	5 in	20 in	+/-0.00005 in	Amber	5GE81	5
0.001 in	10 in	20 in	+/-0.00005 in	Amber	5GE98	5
0.0015 in	10 in	20 in	+/-0.000075 in	Purple	5GE65	5
0.0015 in	10 in	20 in	+/-0.000075 in	Purple	5GE99	5
0.002 in	5 in	20 in	+/-0.0001 in	Red	5GE83	5
0.002 in	10 in	20 in	+/-0.0001 in	Red	5GU10	5
0.003 in	5 in	20 in	+/-0.00015 in	Green	5GE84	5
0.003 in	10 in	20 in	+/-0.00015 in	Green	5GU11	5
0.004 in	5 in	20 in	+/-0.0002 in	Tan	5GE85	10
0.004 in	10 in	20 in	+/-0.0002 in	Tan	5GU12	10
0.005 in	5 in	20 in	+/-0.00025 in	Blue	5GE86	10
0.005 in	10 in	20 in	+/-0.00025 in	Blue	5GE89	1
0.005 in	10 in	20 in	+/-0.00025 in	Blue	5GU13	10
0.0075 in						