

# SHIMS & GAUGES

## SLOTTED SHIMS

- Slotted shim is the best way to solve alignment and leveling problems
- Shims conform to standard bolt and stud sizes
- Each shim marked with thickness in decimal and metric  
Thicknesses up to 0.010" are permanently etched  
Thicknesses over 0.015" are permanently stamped
- 300 series stainless steel material resists rust and corrosion



### SLOTTED SHIMS INDIVIDUAL PACKAGES

Thickness"	Pcs Per Pkg	2" x 2"		3" x 3"		4" x 4"		5" x 5"	
		Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.001	20	GR276		GR289		GR302		GR315	
0.002	20	GR277		GR290		GR303		GR316	
0.003	20	GR278		GR291		GR304		GR317	
0.004	20	GR279		GR292		GR305		GR318	
0.005	20	GR280		GR293		GR306		GR319	
0.010	20	GR281		GR294		GR307		GR320	
0.015	10	GR282		GR295		GR308		GR321	
0.020	10	GR283		GR296		GR309		GR322	
0.025	10	GR284		GR297		GR310		GR323	
0.050	5	GR285		GR298		GR311		GR324	
0.075	5	GR286		GR299		GR312		GR325	
0.100	5	GR287		GR300		GR313		GR326	
0.125	5	GR288		GR301		GR314		GR327	

Priced Per Package

### SLOTTED SHIM SLOT SIZES

2" x 2"	3" x 3"	4" x 4"	5" x 5"
5/8"	3/4"	1 1/4"	1 5/8"

### SLOTTED SHIM TOLERANCES

Thickness"	Tolerance"
0.001	± 0.00008
0.002	± 0.0001
0.003	± 0.00015
0.004	± 0.0002
0.005	± 0.00025
0.010-0.020	± 0.0005
0.025	± 0.00075
0.05	± 0.001
0.075 & 0.100	± 0.002
0.125	± 0.0025

## SHIM STOCK ROLLS & SHEETS

- Precision Brand steel shim stock is a full hard, cold rolled, low carbon 1010
- Rockwell hardness: RB90-100
- Approx. tensile strength: 80,000 PSI
- Meets ASTM A-109, AISI 1010



### ROLLS (1 ROLL PER PKG.)

Thickness"	STEEL 6" x 100"		STAINLESS STEEL 6" x 50"		BRASS 6" x 100"	
	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.0005	-	-	GR350	-	-	-
0.0010	GR328	-	GR351	-	GR367	-
0.0015	GR329	-	GR352	-	GR368	-
0.0020	GR330	-	GR353	-	GR369	-
0.0025	GR331	-	-	-	-	-
0.0030	GR332	-	GR354	-	-	-
0.0035	GR333	-	-	-	-	-
0.0040	GR334	-	GR355	-	GR371	-
0.0050	GR335	-	GR356	-	GR372	-
0.0060	GR336	-	GR357	-	GR373	-
0.0070	GR337	-	GR358	-	GR374	-
0.0080	GR338	-	GR359	-	GR375	-
0.0090	GR339	-	GR360	-	GR376	-
0.0100	GR340	-	GR361	-	GR377	-
0.0120	GR341	-	GR362	-	GR378	-
0.0135	GR342	-	-	-	-	-
0.0150	GR343	-	GR363	-	GR379	-
0.0165	GR344	-	-	-	-	-
0.0180	GR345	-	-	-	GR380	-
0.0200	GR346	-	GR364	-	GR381	-
0.0220	GR347	-	-	-	-	-
0.0250	GR348	-	GR365	-	GR382	-
0.0310	GR349	-	GR366	-	GR383	-

### SHEETS (10 SHEETS PER PKG.)

Thickness"	STEEL 6" x 18"		STAINLESS STEEL 6" x 25"		BRASS 6" x 18"	
	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.0010	GR384	-	-	-	GR413	-
0.0015	GR385	-	-	-	GR414	-
0.0020	GR386	-	-	-	GR415	-
0.0025	GR387	-	-	-	-	-
0.0030	GR388	-	-	-	GR416	-
0.0035	GR389	-	-	-	-	-
0.0040	GR390	-	-	-	GR417	-
0.0050	GR391	-	-	-	GR418	-
0.0060	GR392	-	-	-	GR419	-
0.0070	GR393	-	-	-	GR420	-
0.0080	GR394	-	GR406*	-	GR421	-
0.0090	GR395	-	-	-	GR422	-
0.0100	GR396	-	GR407*	-	GR423	-
0.0120	GR397	-	GR408*	-	GR424	-
0.0135	GR398	-	-	-	-	-
0.0150	GR399	-	GR409*	-	GR425	-
0.0165	GR400	-	-	-	-	-
0.0180	GR401	-	-	-	GR426	-
0.0200	GR402	-	GR410*	-	-	-
0.0220	GR403	-	-	-	-	-
0.0250	GR404	-	GR411*	-	GR427	-
0.0310	GR405	-	GR412*	-	GR428	-

\*Stainless Steel Sheets sold in pack of 2

### SHIM TOLERANCES

Thickness"	Tolerance"
<b>STEEL</b>	
0.001 - 0.003	± 10%
0.0035 - 0.006	± 0.0005
0.007 - 0.018	± 0.00075
0.020 - 0.025	± 0.001
0.031	± 0.0015
Width Tolerance	± 0.005
<b>STAINLESS STEEL</b>	
0.0005-0.010	± 10%
0.011 - 0.019	± 0.001
0.020 - 0.028	± 0.0015
0.029 - 0.031	± 0.002
Width Tolerance	± 0.005
<b>BRASS</b>	
0.001 - 0.003	± 10%
0.004	± 0.0003
0.005 - 0.006	± 0.0004
0.007 - 0.009	± 0.0006
0.010 - 0.013	± 0.0008
0.014 - 0.017	± 0.0010
0.018 - 0.021	± 0.0013
0.022 - 0.031	± 0.002
Width Tolerance	± 0.008

### SHIM STOCK ASSORTMENTS

Model No.	Type	Description	Price/Each
<b>SHIM STOCK SHEET ASSORTMENTS</b>			
GR431	Stainless Steel Sheet Assortment	Contains 8 sheets 6" x 12", one sheet of each: 0.001", 0.002", 0.003", 0.005", 0.008", 0.010", 0.015", 0.020"	
GR432	Brass Sheet Assortment	Contains 12 sheets 6" x 18" one sheet of each: 0.001", 0.0015", 0.002", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.010", 0.012", 0.015"	
GR433	Steel Sheet Assortment	Contains 12 sheets 6" x 18", one sheet of each: 0.001", 0.0015", 0.002", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.010", 0.012", 0.015"	
<b>SHIM STOCK ROLL ASSORTMENTS</b>			
GR429	Steel Roll Assortment	Contains 4 rolls per assortment 6" x 50" (Includes one roll of each: 0.001", 0.002", 0.003", 0.005")	
GR430	Brass Roll Assortment	Contains 4 rolls per assortment 6" x 50" (Includes one roll of each: 0.001", 0.002", 0.003", 0.005")	