

Machine Key Bars - Imperial

- High quality steel, zinc plated for rust prevention
- Sizes marked on each bar for easy identification
- Imperial sizes made from cold drawn 1018 regular carbon steel
- Metric sizes are made from cold drawn 1045 steel
- Stainless steel is made from grade 316 Metric and 303 Imperial
- Lengths: Metric 305 mm, Imperial 12"
- Metric made in Germany
- Imperial made in USA



STEEL - Square (1018)

Product No	Size	Product No	Size
18MED	1/8"	58MED	5/8"
532MED	5/32"	1116MED	11/16"
316MED	3/16"	34MED	3/4"
732MED	7/32"	78MED	7/8"
14MED	1/4"	1MED	1"
516MED	5/16"	1-18MED	1-1/8"
38MED	3/8"	1-14MED	1-1/4"
716MED	7/16"	1-12MED	1-1/2"
12MED	1/2"	1-58MED	1-5/8"
916MED	9/16"		

STAINLESS STEEL - Square (303)

Product No	Size	Product No	Size
S18MED	1/8"	S916MED	9/16"
S316MED	3/16"	S58MED	5/8"
S14MED	1/4"	S34MED	3/4"
S516MED	5/16"	S1MED	1"
S38MED	3/8"	SCOUNTMED ¹	Counter Display(page2)
S716MED	7/16"		
S12MED	1/2"		

Tolerances - Imperial Sizes

Size	Squares: Zinc Plated	Flats: Zinc Plated
3/4" & smaller	+0.003" to -0.000"	+0.004" to -0.000"
7/8" thru 1-1/2"	+0.004" to -0.000"	+0.005" to -0.000"
1-5/8" thru 2"	+0.005" to -0.000"	+0.006" to -0.000"

STEEL - Rectangular (1018)

Product No	Size	Product No	Size
711MED	7-11 Machine Kit	12X916MED *	1/2" x 9/16"
7 key bars will fit 11 different keyways. 1/8"sq., 3/16"sq., 3/16" x 1/4", 1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 7/16" x 1/2".		12X58MED	1/2" x 5/8"
		12X34MED	1/2" x 3/4"
		12X78MED	1/2" x 7/8"
		916X58MED	9/16" x 5/8"
18X316MED *	1/8" x 3/16"	916X34MED	9/16" x 3/4"
18X14MED	1/8" x 1/4"	916X1MED	9/16" x 1"
18X38MED *	1/8" x 3/8"	58X1MED	5/8" x 1"
316X38 MED *	3/16" x 3/8"	1116X34MED *	11/16" x 3/4"
316X12MED *	3/16" x 1/2"	34X78MED	3/4" x 7/8"
14X516MED	1/4" x 5/16"	34X1-18MED	3/4" x 1-1/8"
14X38MED	1/4" x 3/8"	34X1-14MED	3/4" x 1-1/4"
14X716MED *	1/4" x 7/16"	34X1-12MED	3/4" x 1-1/2"
14X12MED *	1/4" x 1/2"	1316MED	13/16" X 13/16"
516X12MED	5/16" x 1/2"	78X1MED *	7/8" x 1"
516X38MED	5/16" x 3/8"	78X1-18MED *	7/8" x 1-1/8"
516X716MED *	5/16" x 7/16"	78X1-14MED	7/8" x 1-1/4"
516X58MED *	5/16" x 5/8"	1X1-14MED	1" x 1-1/4"
38X716MED	3/8" x 7/16"	1X1-12MED	1" x 1-1/2"
38X12MED	3/8" x 1/2"	1-18X1-14MED *	1-1/8" x 1-1/4"
38X58MED	3/8" x 5/8"	COUNTMED ²	Counter Pack (page2)
716X12MED	7/16" x 1/2"		
716X58MED	7/16" x 5/8"		

* To be discontinued when stocks depleted.

MAK-A-KEY

Machine Key Bars - Metric

STEEL - Rectangular (1045)

Product No	Size
05.0X08.0MED	5 mm x 8 mm
06.0X10.0MED	6 mm x 10 mm
06.0X12.0MED	6 mm x 12 mm
07.0X08.0MED	7 mm x 8 mm
08.0X10.0MED	8 mm x 10 mm
08.0X12.0MED	8 mm x 12 mm
09.0X14.0MED	9 mm x 14 mm
10.0X12.0MED	10 mm x 12 mm
10.0X16.0MED	10 mm x 16 mm
11.0X18.0MED	11 mm x 18 mm
12.0X20.0MED	12 mm x 20 mm
14.0X22.0MED	14 mm x 22 mm
14.0X25.0MED	14 mm x 25 mm
16.0X28.0MED	16 mm x 28 mm
18.0X32.0MED	18 mm x 32 mm
20.0X36.0MED	20 mm x 36 mm
22.0X25.0MED	22 mm x 25 mm
22.0X40.0MED	22 mm x 40 mm
25.0X28.0MED	25 mm x 28 mm
COUNTMMED ³	Counter Display Pack

STEEL - Square (1045)

Product No	Size
04.0MED	4 mm
05.0MED	5 mm
06.0MED	6 mm
07.0MED	7 mm
08.0MED	8 mm
10.0MED	10 mm
12.0MED	12 mm
14.0MED	14 mm
16.0MED	16 mm
18.0MED	18 mm
20.0MED	20 mm
22.0MED	22 mm

STAINLESS STEEL - Square (316)

Product No	Size
S03.0NOS	3 mm
S04.0NOS	4 mm
S05.0NOS	5 mm
S06.0NOS	6 mm
S08.0NOS	8 mm
S10.0NOS	10 mm
S12.0NOS	12 mm
S16.0NOS	16 mm
S20.0NOS	20 mm
S25.0NOS	25 mm

Tolerances - Metric Sizes (DIN 6880)

Size	
3.0mm	+ .005 to 0.02
6.0mm	+ .005 to 0.02
8.0mm	+ .005 to 0.026
10.0mm	+ .005 to 0.026
12.0mm	+ .005 to 0.033

¹ SCOUNTMED :

Counter Display Pack Includes

STAINLESS STEEL(303)

Size - 12" Lengths	No. of Bars
1/8" Square	5
3/16" Square	5
1/4" Square	5
5/16" Square	5
3/8" Square	5
7/16" Square	3
1/2" Square	3
Total	31

² COUNTMED :

Counter Display Pack Includes

STEEL

Size - 12" Lengths	No. of Bars
1/8" Square	5
3/16" Square	5
1/4" Square	5
5/16" Square	5
3/8" Square	5
7/16" Square	3
1/2" Square	3
Total	31

³ COUNTMMED :

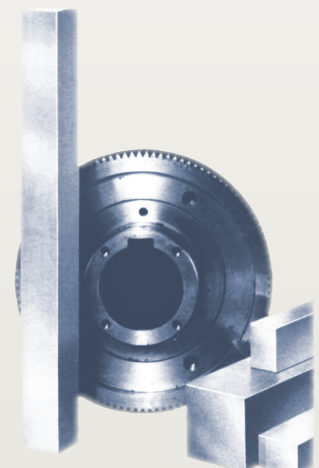
Counter Display Pack Includes

STEEL

Size - 305mm Lengths	No. of Bars
4mm Square	5
5mm Square	5
6mm Square	5
7mm Square	5
8mm Square	5
10mm Square	3
12mm Square	3
Total	31

MAK-A-KEY

Insist on genuine Mak-A-Key
for your engineering needs...the major key supplier to industry for
over 30 years.



SHIM in a Can

- **Shim in a Can** has been designed for easy storage and protection of the shim during transit and use.
- **Brass Shim Stock** is used where some stiffness is required and where corrosion problems exist. It has been cold rolled to a ½ hard temper with a tensile strength of approximately 62,000 PSI. Brass Shim Stock is 70% Copper and 30% Zinc. It has excellent forming qualities and may be lightly drawn, blanked or stamped. Brass Shim Stock meets the following specifications: SAE-CA 260, ASTM 4507 and QQB-613D-#2.
- **Stainless Steel Stock** can be used in any application where corrosion is a concern. Stainless Steel is 300 series material, Full Hard, RC40/45. Half-hard or Annealed condition options are also available on application. Full-hard Stainless Steel is slightly magnetic due to cold rolling. Stainless Steel Shim Stock meets following specifications: MIL-S-5059, ASTM A666, SAE J405.
- **Steel Shim** is a low carbon mild steel, cold rolled to a #1 hard temper. It is stiff and springy, and should be used where hardness is required. The material can be punched or sheared with minimum burring and distortion. The primary components of Steel Shim are manganese and carbon. Steel Shim Stock meets the following specifications: AISI, 1010 and QQS 698.



STEEL SHIM	
Product No	Size
Assortment	
SA12	Assortment -12 Pack
1 pc each, 6" x 12" in following thickness: .001", .0015", .002", .003", .004", .005", .006", .007", .008", .010", .012", .015"	
Rolls	
SS001	6" x 100" x .001"
SS0015	6" x 100" x .0015"
SS001X12	12" x 120" x .001"
SS002	6" x 100" x .002"
SS002X12	12" x 120" x .002"
SS003	6" x 100" x .003"
SS003X12	12" x 120" x .003"
SS004	6" x 100" x .004"
SS004X12	12" x 120" x .004"
SS005	6" x 100" x .005"
SS005X12	12" x 120" x .005"
SS006	6" x 100" x .006"
SS006X12	12" x 120" x .006"
SS007	6" x 100" x .007"
SS007X12	12" x 120" x .007"
SS008	6" x 100" x .008"
SS008X12	12" x 120" x .008"
SS009 *	6" x 100" x .009"
SS010	6" x 100" x .010"
SS010X12	12" x 120" x .010"
SS012	6" x 100" x .012"
SS012X12	12" x 120" x .012"
SS015	6" x 100" x .015"
SS015X12	12" x 120" x .015"
SS020	6" x 100" x .020"
SS020X12	12" x 120" x .020"
SS025	6" x 100" x .025"
SS025X12	12" x 120" x .025"
SS031	6" x 100" x .031"

BRASS SHIM	
Product No	Size
Assortment	
BA12	Assortment -12 Pack
1 pc each, 6" x 12" in following thickness: .001", .0015", .002", .003", .004", .005", .006", .007", .008", .010", .012", .015"	
Rolls	
BS001	6" x 100" x .001"
BS001X12	12" x 120" x .001"
BS002	6" x 100" x .002"
BS002X12	12" x 120" x .002"
BS003	6" x 100" x .003"
BS004	6" x 100" x .004"
BS004X12	12" x 120" x .004"
BS005	6" x 100" x .005"
BS005X12	12" x 120" x .005"
BS006	6" x 100" x .006"
BS008	6" x 100" x .008"
BS010	6" x 100" x .010"
BS010X12	12" x 120" x .010"
BS012	6" x 100" x .012"
BS015	6" x 100" x .015"
BS020	6" x 100" x .020"
BS020X12	12" x 120" x .020"
BS025	6" x 100" x .025"

STAINLESS SHIM	
Product No	Size
Assortment	
STAS	Assortment -8 Pack
1 pc each, 6" x 12" in following thickness: .001", .002", .003", .005", .008", .010", .015", .020"	
Rolls	
STS001	6" x 50" x .001"
STS001X12	12" x 50" x .001"
STS002	6" x 50" x .002"
STS002X12	12" x 50" x .002"
STS003	6" x 50" x .003"
STS003X12	12" x 50" x .003"
STS004	6" x 50" x .004"
STS005	6" x 50" x .005"
STS005X12	12" x 50" x .005"
STS006	6" x 50" x .006"
STS007	6" x 50" x .007"
STS008	6" x 50" x .008"
STS008X12	12" x 50" x .008"
STS010	6" x 50" x .010"
STS010X12	12" x 50" x .010"
STS012	6" x 50" x .012"
STS012X12	12" x 50" x .012"
STS015	6" x 50" x .015"
STS015X12	12" x 50" x .015"
STS020	6" x 50" x .020"
STS020X12	12" x 50" x .020"
STS025	6" x 50" x .025"
STS025X12	12" x 50" x .025"
STS031	6" x 50" x .031"

* To be discontinued when stocks depleted.



SLOTTED SHIM - Imperial

- **Slotted Shim** eliminates hand cutting, which can cause sharp corners or burrs. They provide a more stable alignment by eliminating stacking and are made from corrosion resistant stainless steel.

SLOTTED ASSORTMENTS

Mini Assortments in Metal Storage Case - Consists of:

.001" x 20pcs, .002" x 20pcs, .003" x 20pcs,
 .004" x 20pcs, .005" x 20pcs, .010" x 20pcs, .015" x 20pcs,
 .020" x 10pcs, .025" x 10pcs, .050" x 10pcs, .075" x 10pcs,
 0.1" x 10pcs, .125" x 10pcs



Product No	Size
SSMAA	S/S (A) 2" x 2" x 5/8"
SSMAB	S/S (B) 3" x 3" x 3/4"
SSMAC	S/S (B) 4" x 4" x 1-1/4"
SSMAD	S/S (B) 5" x 5" x 1-1/2"

SLOTTED SHIM PACKS

(A) 2" x 2" x 5/8"		(B) 3" x 3" x 3/4"		(C) 4" x 4" x 1-1/4"		(D) 5" x 5" x 1-1/2"	
Product No	Q'ty/Pack	Product No	Q'ty/Pack	Product No	Q'ty/Pack	Product No	Q'ty/Pack
SSRA001 *	20	SSRB001 *	20	SSRC001 *	20	SSRD001 *	20
SSRA002 *	20	SSRB002 *	20	SSRC002 *	20	SSRD002 *	20
SSRA003 *	20	SSRB003 *	20	SSRC003 *	20	SSRD003 *	20
SSRA004 *	20	SSRB004 *	20	SSRC004 *	20	SSRD004 *	20
SSRA005 *	20	SSRB005 *	20	SSRC005 *	20	SSRD005 *	20
SSRA010 *	20	SSRB010 *	20	SSRC010 *	20	SSRD010 *	20
SSRA015 *	20	SSRB015 *	20	SSRC015 *	20	SSRD015 *	20
SSRA020 *	10	SSRB020 *	10	SSRC020 *	10	SSRD020 *	10
SSRA025 *	10	SSRB025 *	10	SSRC025 *	10	SSRD025 *	10
SSRA050 *	10	SSRB050 *	10	SSRC050 *	10	SSRD050 *	10
SSRA075 *	10	SSRB075 *	10	SSRC075 *	10	SSRD075 *	10
SSRA100 *	10	SSRB100 *	10	SSRC100 *	10	SSRD100 *	10
SSRA125 *	10	SSRB125 *	10	SSRC125 *	10	SSRD125 *	10

NOTE: The last three digits in Product No. refers to the material thickness in thousands of an inch.

* To be discontinued when stocks depleted.

SHUR-SHIM