

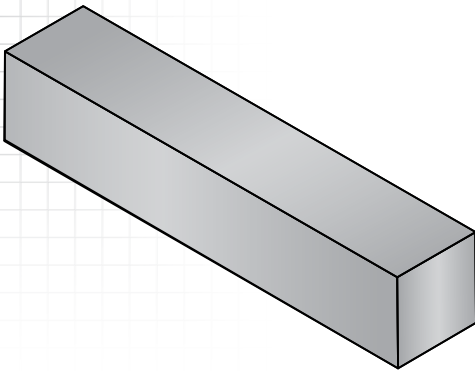
## COLD FINISHED STEEL – IMPERIAL

### DESCRIPTION

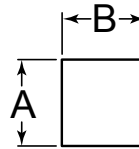
A stock of material that is one foot or greater in length, and from which machine keys are made. It is available in stocked standard sizes or can be custom made to your specifications.

### HOW TO IDENTIFY

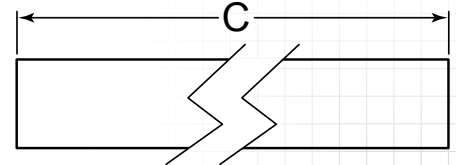
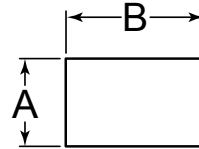
1. Measure height (A).
2. Measure width (B).
3. Measure length (C).
4. Build the part number from the chart on the next page.



#### SQUARE



#### RECTANGLE



### PREFIX MATERIAL/FINISH

#### UNDERSIZE

30	=	Cold Finished Steel, Plain*
31	=	Cold Finished Steel, Zinc Clear Trivalent
45	=	Cold Finished Steel, Plain* (1045)
46	=	Cold Finished Steel, Zinc Clear Trivalent (1045)
65	=	Cold Finished Alloy Steel, Plain* (4140)
66	=	Cold Finished Alloy Steel, Zinc Clear Trivalent (4140)

#### OVERSIZE

35	=	Cold Finished Steel, Plain*
36	=	Cold Finished Steel, Zinc Clear Trivalent

Material/finish combinations may not be available in all sizes.  
Note: Unless specifically stated, our standard key stock (30 series) is any one of the following grades, subject to market availability: 1018, 1035, 1045, 1095, 1215, or 8630. Call for precise grade.

### HEIGHT (A) AND WIDTH (B) TOLERANCES

MATERIAL		SQUARE		RECTANGLE	
(Prefix)	(Material/Finish)	(Size Range)	(Tolerance)	(Size Range)	(Tolerance)
Undersize					
30	Cold Finished Steel, Plain*	.0625 – .7500"	+0/-.0020"	.0938 – .7500"	+0/-.0030"
		>.7500 – 1.5000"	+0/-.0030"	>.7500 – 1.5000"	+0/-.0040"
		>1.5000 – 2.5000"	+0/-.0040"	>1.5000 – 3.0000"	+0/-.0050"
		>2.5000" +	+0/-.0060"	>3.0000" +	+0/-.0060"
31	Cold Finished Steel, Zinc Clear Trivalent				
45	Cold Finished Steel, Plain* (1045)	.0625 – .7500"	+0/-.0040"	.2500 – .7500"	+0/-.0040"
		>.7500 – 1.5000"	+0/-.0050"	>.7500 – 1.5000"	+0/-.0050"
		>1.5000 – 2.5000"	+0/-.0060"	>1.5000 – 3.0000"	+0/-.0060"
46	Cold Finished Steel, Zinc Clear Trivalent (1045)				
65	Cold Finished Alloy Steel, Plain* (4140)	.0625 – .7500"	+0/-.005"	.0625 – .7500"	+0/-.005"
		>.7500 – 1.5000"	+0/-.006"	>.7500 – 1.5000"	+0/-.006"
		>1.5000 – 3.0000"	+0/-.007"	>1.5000 – 3.0000"	+0/-.007"
66	Cold Finished Alloy Steel, Zinc Clear (4140)				
Oversize					
35	Cold Finished Steel, Plain*	.0625 – .7500"	+.0020/-0"	.1875 – .7500"	+.0030/-0"
		>.7500 – 1.5000"	+.0030/-0"	>.7500 – 1.5000"	+.0040/-0"
		>1.5000 – 2.5000"	+.0040/-0"	>1.5000 – 3.0000"	+.0050/-0"
36	Cold Finished Steel, Zinc Clear				

### LENGTH (C) TOLERANCES

LENGTH	TOLERANCE
12 – 36"	+0/-.125"
>36 – <144"	+0/-.250"
144"	±6"

Nonstandard lengths up to 144" are available. Lengths over 3' may be subject to a packaging charge.

### HEIGHT OR WIDTH?



Unless otherwise noted, tolerances are based on the larger of the height or width. Both sides will have the same tolerance.

## COLD FINISHED STEEL – IMPERIAL

ZINC PLATING AND  
OTHER FINISHES  
AVAILABLE FOR  
ALL PARTS  
SEE PAGE 16

### HOW TO BUILD A PART NUMBER

**3001250250-36**

LIST THE **SMALLER**  
DIMENSION OF (A)  
OR (B) FIRST

ITEM PREFIX

(A)  
HEIGHT

(B)  
WIDTH

(C)  
LENGTH

**30**

**0125**

**0250**

**-36**

TO ORDER CHOOSE  
YOUR MATERIAL,

CHOOSE YOUR  
HEIGHT,

CHOOSE YOUR  
WIDTH,

CHOOSE YOUR  
LENGTH.

CODE	MATERIAL
30	Cold Finished Steel, Plain*, Undersize
31	Cold Finished Steel, Zinc Clear Trivalent, Undersize
35	Cold Finished Steel, Plain*, Oversize
36	Cold Finished Steel, Zinc Clear, Oversize
45	Cold Finished Steel, Plain* (1045), Undersize
46	Cold Finished Steel, Zinc Clear Trivalent (1045), Undersize
65	Cold Finished Alloy Steel, Plain* (4140), Undersize
66	Cold Finished Alloy Steel, Zinc Clear Trivalent (4140), Undersize

CODE	HEIGHT
0062	.0625" (1/16)
0093	.0938" (3/32)
0125	.1250" (1/8)
0156	.1563" (5/32)
0187	.1875" (3/16)
0218	.2188" (7/32)
0250	.2500" (1/4)
0281	.2813" (9/32)
0312	.3125" (5/16)
0343	.3438" (11/32)
0375	.3750" (3/8)
0406	.4063" (13/32)
0437	.4375" (7/16)
0468	.4688" (15/32)
0500	.5000" (1/2)
0562	.5625" (9/16)
0625	.6250" (5/8)
0687	.6875" (11/16)
0750	.7500" (3/4)
0812	.8125" (13/16)
0875	.8750" (7/8)
0937	.9375" (15/16)
1000	1.0000" (1)
1500	1.5000" (1-1/2)
2000	2.0000" (2)
2500	2.5000" (2-1/2)

CODE	WIDTH
0062	.0625" (1/16)
0093	.0938" (3/32)
0125	.1250" (1/8)
0156	.1563" (5/32)
0187	.1875" (3/16)
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0875	.8750" (7/8)
0937	.9375" (15/16)
1000	1.0000" (1)
1500	1.5000" (1-1/2)
2000	2.0000" (2)
2500	2.5000" (2-1/2)

CODE	LENGTH
-12	12" (1')
-24	24" (2')
-36	36" (3')
-48	48" (4')
-72	72" (6')
-120	120" (10')
-144	144" (12')

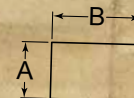
Nonstandard lengths up to 144" are available. Lengths over 3' may be subject to a packaging charge.

### ALWAYS CUTTING THE SAME KEY?

Check out our full range of machine keys beginning on page 48. Also, our state of the art manufacturing facility can produce keys to any specification.

### MEASURING IMPERIAL KEY STOCK

Imperial key stock is available in square or rectangle profiles.



**IMPERIAL**

Imperial key stock calls out height (A) first, then width (B).

Additional sizes up to 7" available as special order, visit [huyett.com](http://huyett.com) for more details.

**1/4" x 1/4" (-SIZE)**

**1', 3', AND 6' STAINLESS STEEL AND PLATED KEY STOCK  
ARE MARKED FOR EASY IDENTIFICATION**

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT [HUYETT.COM](http://HUYETT.COM).

Prices, materials, dimensions, tolerances, designs, and grades subject to change without notice. © 2022 Huyett

\*Limited warranty for surface finish: 30 days from date of shipment. See page 12 for details.