

## Carbon Key Steel – Square

Finish: Bright Drawn

USAKEY – Carbon Key Steel – Colour: Red/Yellow  
Bright: BS 46: Part 1: 1958, BS 4235: Part 1: 1972



### Characteristics:

USAKEY is supplied in the form of Bright Drawn Steel Bars to dimensions and tolerances stipulated in BS 46: Part 1: 1958 'Keys and Keyways' for imperial sizes and BS 4235: Part 1: 1972 'Parallel and Taper Keys' for metric sizes. All imperial bars are supplied to the chemical analysis 0.45% Carbon maximum, 0.60/1.00% Manganese, whilst metric bars are supplied to 0.42/0.50% Carbon, 0.50/0.80% Manganese.

**Form of Supply:** Bright bars: As drawn with a tensile strength 540-700 N/mm<sup>2</sup>

### Tolerances:

#### Imperial Squares-

Up to and incl. 7/8"	+ .002"
Over 7/8" Up to and incl. 1.1/4"	+ .003"
Over 1.1/4"	+ .004"

#### Metric Squares-

4mm Up to and incl. 6mm	- .030mm
Over 6mm Up to and incl. 12mm	- .036mm
16mm	- .043mm

### Stocked sizes - Squares - Inches

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1.1/4	1.1/2
x	x	x	x	x	x	x	x	x	x	x	x	x	x

### Stocked sizes - Squares – mm.

4	5	6	8	10	12	16
x	x	x	x	x	x	x

### Length

Standard bar lengths are 3/3.5 metres.

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