

MACHINE KEYS

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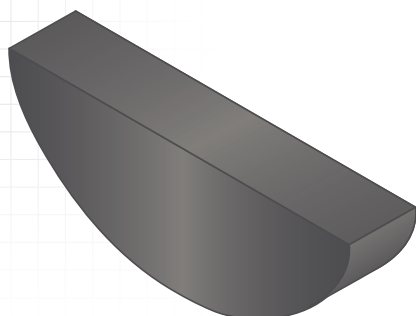
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WOODRUFF – METRIC

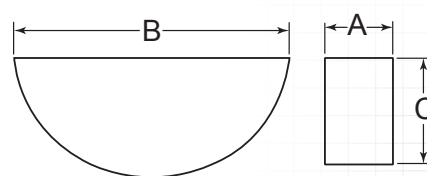
DESCRIPTION

Woodruff keys are commonly found in machine tools and automotive applications. They are designed to be installed deep into a shaft and firmly embedded. As a result, they are less likely to slip out of the key way. Metric woodruff keys are only available with round bottoms.



HOW TO IDENTIFY

1. Verify half-moon shape.
2. Measure width (A).
3. Measure height (C).
4. Find the part number in the chart below.
Or, compare your part to the part silhouettes in the chart below.



PREFIX MATERIAL/FINISH

WKMC = CARBON STEEL, PLAIN*
WKS-XXX-ZC = COLD FINISHED STEEL, ZINC
CLEAR TRIVALENT

Material/finish combinations may not be available in all sizes.

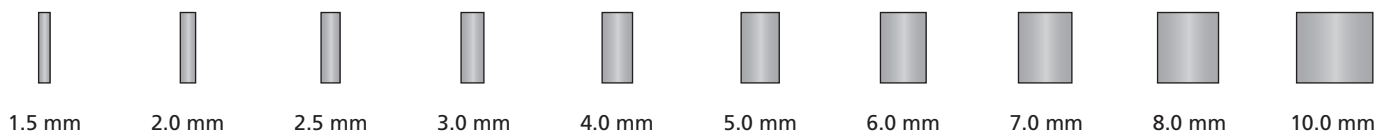


WOODRUFF TOLERANCES

MATERIAL		WIDTH (A)		HEIGHT (C)	
(Prefix)	(Material/Finish)	(Size Range)	(Tolerance)	(Size Range)	(Tolerance)
WKMC	Carbon Steel, Plain*	1.5 – 3 mm	+0/-0.020 mm	0 – 3 mm	+0/-0.10 mm
		4 – 10 mm	+0/-0.030 mm	>3 – 6 mm	+0/-0.12 mm
WKMC-XXX-ZC	Cold Finished Steel, Zinc Clear Trivalent			>6 – 10 mm	+0/-0.15 mm
				>10 – 18 mm	+0/-0.18 mm

	2.60 mm		3.70 mm			5.00 mm	5.00 mm	
ITEM NUMBER	WKMC-015026	WKMC-020026	WKMC-020037	WKMC-025037	WKMC-030037	WKMC-020050	WKMC-030050	WKMC-040050
(C) HEIGHT	2.60 mm	2.60 mm	3.70 mm	3.70 mm	3.70 mm	5.00 mm	5.00 mm	5.00 mm
(A) WIDTH	1.50 mm	2.00 mm	2.00 mm	2.50 mm	3.00 mm	2.00 mm	3.00 mm	4.00 mm
(B) LENGTH	6.76 mm	6.76 mm	9.66 mm	9.66 mm	9.66 mm	12.65 mm	12.65 mm	12.65 mm

WIDTH MEASUREMENTS



FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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



WOODRUFF – METRIC

	6.50 mm			7.50 mm		
						
ITEM NUMBER	WKMC-030065	WKMC-040065	WKMC-050065	WKMC-040075	WKMC-050075	WKMC-060075
(C) HEIGHT	6.50 mm	6.50 mm	6.50 mm	7.50 mm	7.50 mm	7.50 mm
(A) WIDTH	3.00 mm	4.00 mm	5.00 mm	4.00 mm	5.00 mm	6.00 mm
(B) LENGTH	15.72 mm	15.72 mm	15.72 mm	18.57 mm	18.57 mm	18.57 mm

	9.00 mm			10.00 mm	
					
ITEM NUMBER	WKMC-050090	WKMC-060090	WKMC-080090	WKMC-050100	WKMC-060100
(C) HEIGHT	9.00 mm	9.00 mm	9.00 mm	10.00 mm	10.00 mm
(A) WIDTH	5.00 mm	6.00 mm	8.00 mm	5.00 mm	6.00 mm
(B) LENGTH	21.63 mm	21.63 mm	21.63 mm	24.49 mm	24.49 mm

	10.00 mm	11.00 mm		
				
ITEM NUMBER	WKMC-070100	WKMC-060110	WKMC-080110	WKMC-100110
(C) HEIGHT	10.00 mm	11.00 mm	11.00 mm	11.00 mm
(A) WIDTH	7.00 mm	6.00 mm	8.00 mm	10.00 mm
(B) LENGTH	24.49 mm	27.35 mm	27.35 mm	27.35 mm

	13.00 mm		16.00 mm
			
ITEM NUMBER	WKMC-080130	WKMC-100130	WKMC-100160
(C) HEIGHT	13.00 mm	13.00 mm	16.00 mm
(A) WIDTH	8.00 mm	10.00 mm	10.00 mm
(B) LENGTH	31.43 mm	31.43 mm	43.08 mm

Images are approximate actual size.

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