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ROUND – METRIC

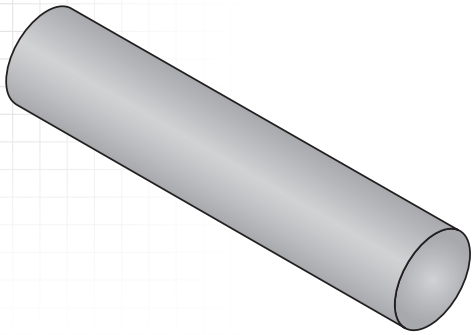
DIN 671

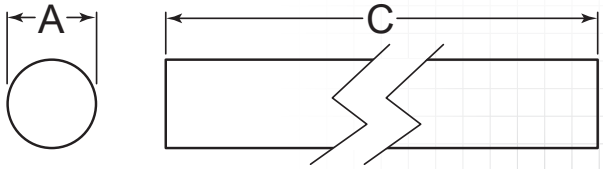
DESCRIPTION

A stock of material that is one foot or greater in length from which machine keys are made. Undersize round key stock is slightly smaller in diameter than the sizes listed here. It is available in stocked standard sizes or can be custom made to your specifications.

HOW TO IDENTIFY

1. Measure diameter (A).
2. Measure length (C).
3. Build the part number from the chart on the next page.





PREFIX MATERIAL/FINISH

RKM = COLD FINISHED STEEL, PLAIN*
RKMZ = COLD FINISHED STEEL, ZINC YELLOW TRIVALENT
RKMS = STAINLESS STEEL, PLAIN

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

ROUND KEY STOCK CAN BE PRODUCED IN MANY DIAMETER AND LENGTH COMBINATIONS

DIAMETER (A) TOLERANCES

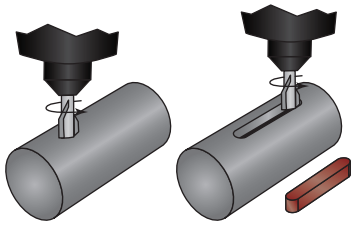
MATERIAL		DIAMETER	
(Prefix)	*(Material/Finish)*	*(Size Range)*	*(Tolerance)*
RKM	Cold Finished Steel, Plain*	3 mm >3 – 6 mm >6 – 18 mm >18 – 30 mm >30 – 50 mm >50 – 70 mm	+0/-0.020 mm +0/-0.030 mm +0/-0.040 mm +0/-0.050 mm +0/-0.060 mm +0/-0.070 mm
RKMZ	Cold Finished Steel, Zinc Yellow Trivalent		
RKMS	Stainless Steel, Plain	3 mm >3 – 6 mm >6 – 18 mm >18 – 30 mm >30 – 50 mm >50 – 70 mm	+0/-0.020 mm +0/-0.030 mm +0/-0.040 mm +0/-0.050 mm +0/-0.060 mm +0/-0.070 mm

LENGTH (C) TOLERANCES

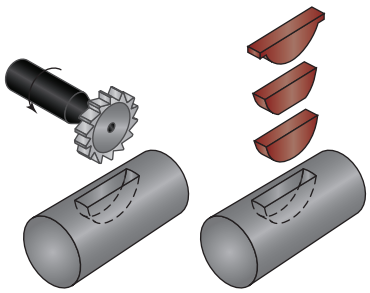
LENGTH	TOLERANCE
305 – 1,000 mm	+0/-3.175 mm
>1,000 – 3,000 mm	+0/-6.35 mm
>3,000 – 4,000 mm	+0/-152.4 mm

Nonstandard lengths up to 4,000 mm are available. Lengths over 3' may be subject to a packaging charge.

USING ROUND KEY STOCK AS SHAFTS



KEY WAYS CAN BE MILLED AXIALLY ALONG ROUND KEY STOCK TO ALLOW FOR THE USE OF A VARIETY OF HALF-MOON MACHINE KEY PROFILES



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.*

DIN 671

ROUND – METRIC

ZINC PLATING AND OTHER FINISHES AVAILABLE FOR ALL PARTS

SEE PAGE 16

HOW TO BUILD A PART NUMBER

RKM-010-1000

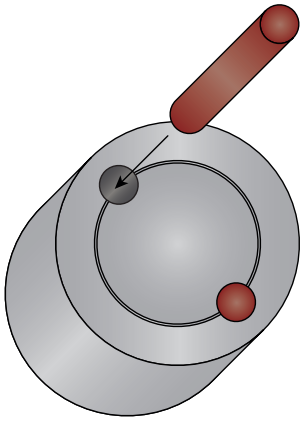
ITEM PREFIX

RKM-

TO ORDER CHOOSE YOUR MATERIAL,

CODE	MATERIAL
RKM-	Carbon Steel, Plain*
RKMZ-	Cold Finished Steel, Zinc Yellow Trivalent
RKMS-	Stainless Steel, Plain

DON'T SEE WHAT YOU'RE LOOKING FOR? CONTACT SALES@HUYETT.COM OR CALL 785-392-3017



AN ADVANTAGE OF ROUND KEY STOCK IS THAT IT CAN BE INSTALLED IN HOLES BORED IN ASSEMBLED APPLICATIONS FOR A PRECISE FIT

(A) DIAMETER

3 mm to 70 mm

010

CHOOSE YOUR DIAMETER,

CODE	DIAMETER
003	3.00 mm
004	4.00 mm
005	5.00 mm
006	6.00 mm
007	7.00 mm
008	8.00 mm
009	9.00 mm
010	10.00 mm
011	11.00 mm
012	12.00 mm
013	13.00 mm
014	14.00 mm
015	15.00 mm
016	16.00 mm
017	17.00 mm
018	18.00 mm
019	19.00 mm
020	20.00 mm
022	22.00 mm
024	24.00 mm
025	25.00 mm
026	26.00 mm
027	27.00 mm
028	28.00 mm
030	30.00 mm
032	32.00 mm
035	35.00 mm
040	40.00 mm
045	45.00 mm
050	50.00 mm
060	60.00 mm
065	65.00 mm
070	70.00 mm

(C) LENGTH

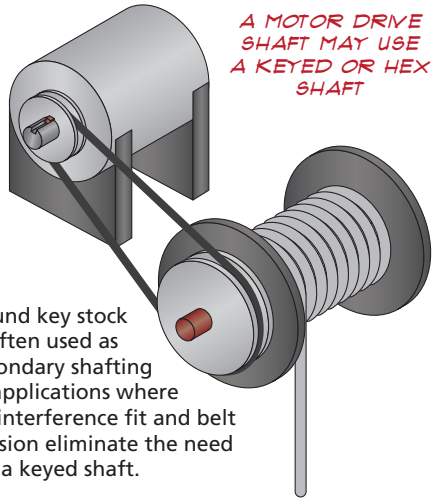
305 mm to 4,000 mm

-1000

CHOOSE YOUR LENGTH.

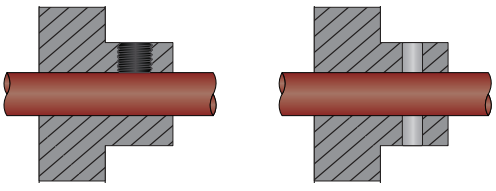
CODE	LENGTH
-305	305 mm (1')
-1000	1,000 mm (1 m)
-3000	3,000 mm (3 m)
-4000	4,000 mm (4 m)

Nonstandard lengths up to 4,000 mm are available. Lengths over 1 m may be subject to a packaging charge.



A MOTOR DRIVE SHAFT MAY USE A KEYED OR HEX SHAFT

Round key stock is often used as secondary shafting in applications where an interference fit and belt tension eliminate the need for a keyed shaft.



RATHER THAN USING A KEY, ROUND KEY STOCK MAY BE HELD IN PLACE WITH A SET SCREW OR A DOWEL PIN

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