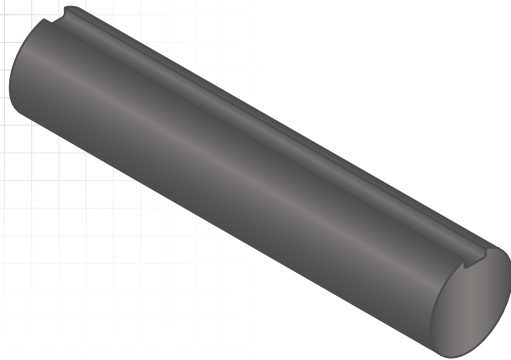


KEYED – IMPERIAL

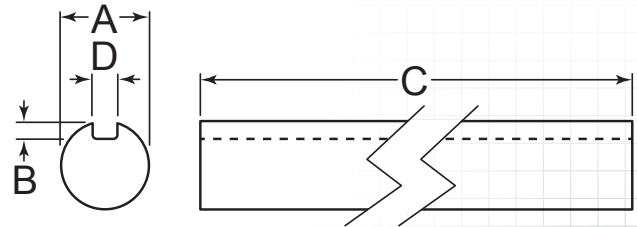
DESCRIPTION

Fully keyed shafts provide a good fit between the key and the key way. Key ways are cut in accordance with ANSI B17.1. Partial key ways and other materials are available including turned and polished and medium carbon steel (suitable to heat treat).



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

KF = COLD FINISHED STEEL, PLAIN* (1018)
KF44 = COLD FINISHED STEEL, PLAIN* (1144)
KF45 = COLD FINISHED STEEL, PLAIN* (1045)
KF6 = 303 STAINLESS STEEL, PLAIN

KFS6 = 316 STAINLESS STEEL, PLAIN
KFTP = COLD FINISHED STEEL, PLAIN* (1045)
 TURNED & POLISHED
KFZ = COLD FINISHED STEEL, ZINC CLEAR (1018)

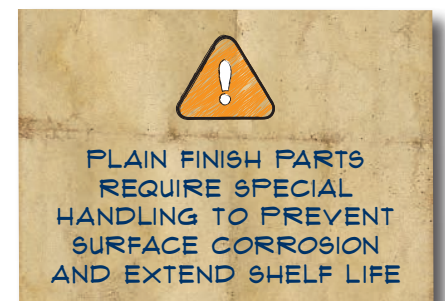
DIAMETER (A) TOLERANCES			
MATERIAL	DIAMETER		
(Prefix)	(Material/Finish)	(Size Range)	(Tolerance)
KF	Cold Finished Steel, Plain* (1018)	All Sizes	+0/-0.0020"
KF44	Cold Finished Steel, Plain* (1144)	All Sizes	+0/-0.0010"
KF45	Cold Finished Steel, Plain* (1045)		
KF5	303 Stainless Steel, Plain		
KFS6	316 Stainless Steel, Plain	All Sizes	+0/-0.0020"
KFTP	Cold Finished Steel, Plain* (1045), Turned & Polished	All Sizes	-0.0005/-0.0015"
KFZ	Cold Finished Steel, Zinc Clear (1018)	All Sizes	+0/-0.0020"

KEY WAY (D x B) SIZE	
DIAMETER	KEY WAY
(Shaft Size Range)	(D) x (B)
1/2"	1/8" x 1/16"
5/8 – 7/8"	3/16" x 3/32"
15/16 – 1-1/4"	1/4" x 1/8"
1-5/16 – 1-3/8"	5/16" x 5/32"
1-7/16 – 1-3/4"	3/8" x 3/16"
1-7/8 – 2-3/16"	1/2" x 1/4"
2-7/16 – 2-1/2"	5/8" x 5/16"
2-15/16 – 3-1/4"	3/4" x 3/8"
3-3/8 – 3-3/4"	7/8" x 7/16"
3-15/16 – 4-1/2"	1" x 1/2"

LENGTH (C) TOLERANCES		
	LENGTH	TOLERANCE
(Suffix)	(Length)	(Tolerance)
-12	12" (1')	±2"
-36	36" (3')	
-72	72" (6')	
-144	144" (12')	

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

KEYED SHAFTING CAN BE PRODUCED IN MANY DIAMETER AND LENGTH COMBINATIONS



KEYED – IMPERIAL

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

HOW TO BUILD A PART NUMBER

KF-0500-36

MATERIAL PREFIX

KF-

TO ORDER CHOOSE
YOUR MATERIAL,

(A)
DIAMETER

1/2" to 4-1/2"

0500

CHOOSE YOUR
DIAMETER,

(C)
LENGTH

12" up to 144"

-36

CHOOSE YOUR
LENGTH.

CODE	MATERIAL
KF-	Cold Finished Steel (1018), Plain*
KF44-	Cold Finished Steel (1144), Plain*
KF45-	Cold Finished Steel (1045), Plain*
KFS-	303 Stainless Steel
KFS6-	316 Stainless Steel
KFTP-	Cold Finished Steel, (1045) Plain* Turned & Polished
KFZ-	Cold Finished Steel (1018), Zinc Clear

CODE	DIAMETER
Key Way Size (D x B): 1/8" x 1/16"	
0500	.500" (1/2)
Key Way Size (D x B): 3/16" x 3/32"	
0625	.625" (5/8)
0687	.687" (11/16)
0750	.750" (3/4)
0812	.813" (13/16)
0875	.875" (7/8)
Key Way Size (D x B): 1/4" x 1/8"	
0937	.938" (15/16)
1000	1.000" (1)
1062	1.063" (1-1/16)
1125	1.125" (1-1/8)
1187	1.188" (1-3/16)
1250	1.250" (1-1/4)
Key Way Size (D x B): 5/16" x 5/32"	
1312	1.313" (1-5/16)
1375	1.375" (1-3/8)
Key Way Size (D x B): 3/8" x 3/16"	
1437	1.438" (1-7/16)
1500	1.500" (1-1/2)
1625	1.625" (1-5/8)
1687	1.688" (1-11/16)
1750	1.750" (1-3/4)
Key Way Size (D x B): 1/2" x 1/4"	
1875	1.875" (1-7/8)
1937	1.938" (1-15/16)
2000	2.000" (2)
2187	2.188" (2-3/16)
2250	2.250" (2-1/4)

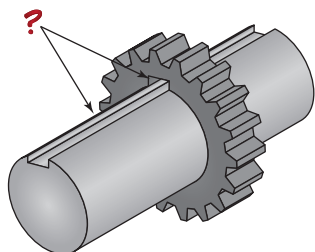
CODE	DIAMETER
Key Way Size (D x B): 5/8" x 5/16"	
2437	2.438" (2-7/16)
2500	2.500" (2-1/2)
2687	2.688" (2-11/16)
Key Way Size (D x B): 3/4" x 3/8"	
2937	2.938" (2-15/16)
3000	3.000" (3)
3125	3.125" (3-1/8)
3187	3.188" (3-3/16)
3250	3.250" (3-1/4)
Key Way Size (D x B): 7/8" x 7/16"	
3375	3.375" (3-3/8)
3437	3.438" (3-7/16)
3500	3.500" (3-1/2)
3625	3.625" (3-5/8)
3750	3.750" (3-3/4)
Key Way Size (D x B): 1" x 1/2"	
3937	3.938" (3-15/16)
4000	4.000" (4)
4250	4.250" (4-1/4)
4375	4.375" (4-3/8)
4437	4.438" (4-7/16)
4500	4.500" (4-1/2)

CODE	LENGTH
-12	12" (1')
-36	36" (3')
-72	72" (6')
-144	144" (12')

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

DON'T SEE WHAT
YOU'RE LOOKING
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OR
CALL 785-392-3017

KEY WAY OR KEY SEAT?



THE CHANNEL, GROOVE, OR
SLOT CUT INTO A SHAFT OR
HUB OF A GEAR, SPROCKET,
OR PULLEY MAY BE CALLED
A KEY WAY, OR KEY SEAT

BOTH TERMS ARE USED
INTERCHANGEABLY TO
DESCRIBE THE SAME THING

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