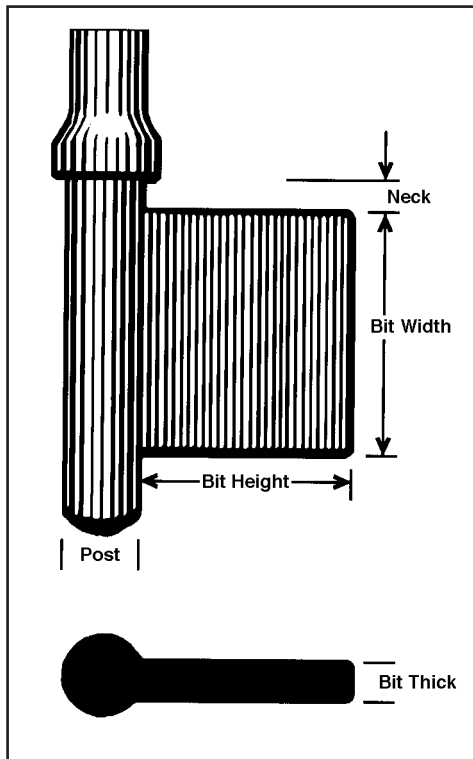




Section 7 **BIT AND BARREL**

Keys are separated by type - bit or barrel and are in number sequence

DETERMINING SPECIFICATIONS ON BIT KEYS

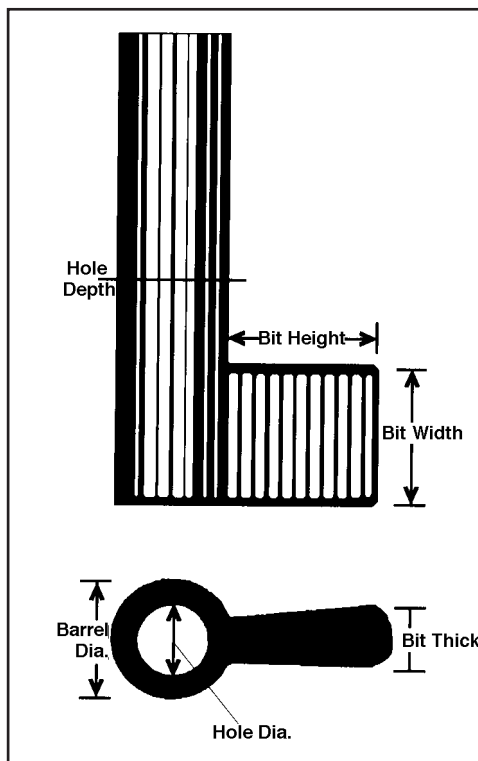


Dimensions of a Bit Key

The following pages show our selection of Bit and Barrel Key Blanks. This page will help you identify the key blank you are looking for.

- The chart below lists various types of materials used in Bit and Barrel key blanks.
- Measurements below each key drawing are shown in hundredths of an inch and tenths of a millimeter. Please understand that these styles of key blanks are not made to the same tolerances of cylinder key blanks by the nature of the processes utilized. If the dimensions are close they will more than likely work.

Diagrams (left) show how the bit and barrel keys are measured so you can understand what to measure for comparison.



Dimensions of a Barrel Key

Materials Used

- | | |
|----------------------|--|
| MI | - malleable iron |
| Steel/Plastic | - a nickel plated steel shaft with a plastic tip |
| Steel/Zinc | - a nickel plated steel shaft with a die cast zinc tip |
| Brass | - a brass die cast key blank |
| Prec. Cast | - a precision zinc die cast key blank |

BIT KEYS

1B

DLP1

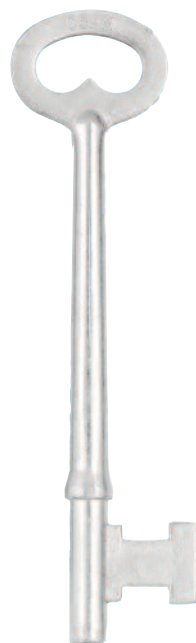
| P5 | |
|-----------|---------|
| MI | |
| .20" | (5.1mm) |
| .10" | (2.5mm) |
| .37" | (9.3mm) |
| .37" | (9.3mm) |
| .14" | (3.6mm) |
| P6 | |
| MI | |
| .20" | (5.1mm) |
| .10" | (2.5mm) |
| .37" | (9.3mm) |
| .37" | (9.3mm) |
| .14" | (3.6mm) |

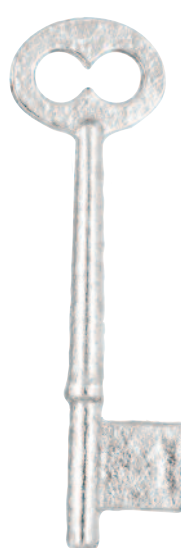
P7

2B

B2M

ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick

BIT KEYS

C3AM

C3M

5B


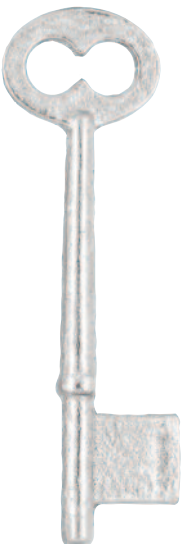
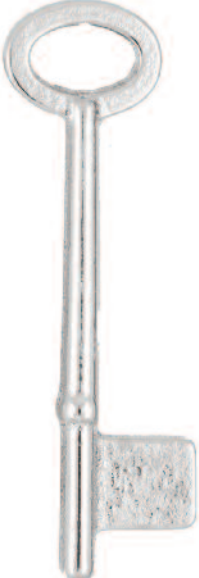

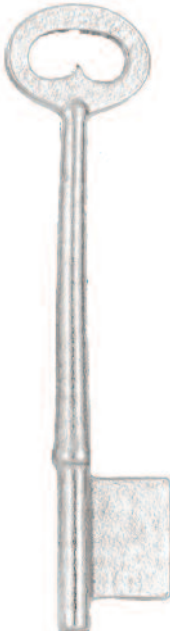




B6

7B

ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick





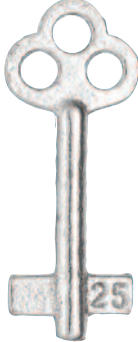





| | MI | PRECISION CAST | MI | STEEL/ZINC | STEEL/PLASTIC |
|------------|---------------|----------------|---------------|---------------|---------------|
| Post | .21" (5.3mm) | .20" (5.1mm) | .20" (5.1mm) | .20" (5.1mm) | .20" (5.1mm) |
| Neck | .13" (3.3mm) | .13" (3.3mm) | .09" (2.3mm) | .09" (2.3mm) | .10" (2.5mm) |
| Bit Height | .47" (12mm) | .44" (11.2mm) | .44" (11.2mm) | .47" (11.9mm) | .41" (10.4mm) |
| Bit Width | .44" (11.2mm) | .38" (9.7mm) | .50" (12.7mm) | .49" (12.4mm) | .39" (9.9mm) |
| Bit Thick | .10" (2.5mm) | .06" (11.5mm) | .09" (2.3mm) | .08" (2.0mm) | .08" (2.0mm) |

BIT KEYS

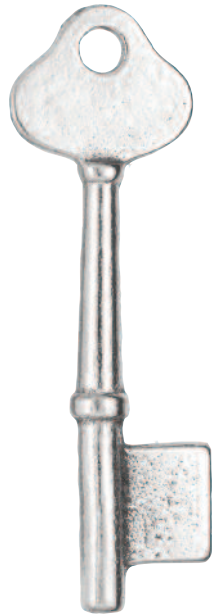
| | | | | |
|---|---|--|---|---|
|  |  |  |  |  |
|  |  |  |  | |
| B7M | 8B | 9B | B11M | 12B |
| STEEL/ZINC | MI | MI | BI-METALLIC | MI |
| .20" (5.1mm) | .19" (4.8mm) | .18" (4.6mm) | .25 (6.4mm) | .19" (4.8mm) |
| .10" (2.5mm) | .08" (2.0mm) | .09" (2.3mm) | .08 (2.0mm) | .07" (1.8mm) |
| .41" (10.4mm) | .50" (12.7mm) | .50" (13.5mm) | .50 (12.7mm) | .45" (11.4mm) |
| .39" (9.9mm) | .45" (11.4mm) | .49" (12.4mm) | .56 (14.2mm) | .66" (16.8mm) |
| .08" (2.0mm) | .08" (2.0mm) | .07" (1.8mm) | .11 (2.8mm) | .08" (2.0mm) |

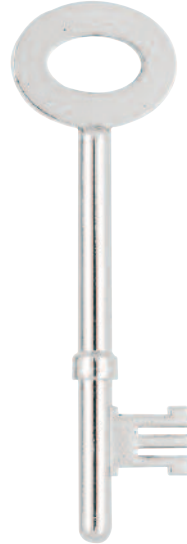
ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick

BIT KEYS

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
| 14CM | 17B | B17 | B20 | 25B |
| MI | MI | STEEL/ZINC | STEEL/ZINC | MI |
| .19" (4.8mm) | .19" (4.8mm) | .19" (4.8mm) | .17" (4.3mm) | .17" (4.3mm) |
| .13" (3.3mm) | .09" (2.8mm) | .10" (2.5mm) | .08" (2.0mm) | — |
| .44" (11.2mm) | .50" (12.7mm) | .50" (12.7mm) | .40" (10.2mm) | .69" overall (17.5mm) |
| .45" (11.4mm) | .50" (12.7mm) | .50" (12.7mm) | .47" (11.9mm) | .22" (5.6mm) |
| .16" (4.1mm) | .08" (2.0mm) | .08" (2.0mm) | .10" (2.5mm) | .08" (2.0mm) |

ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick

BIT KEYS

28AM

28BM

37 MASTER

B40A

B41A

ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick

BIT KEYS

B41B

B41C

C42

C70

ILCO
Material
Post
Neck
Bit Height
Bit Width
Bit Thick

| | B41B | B41C | C42 | C70 |
|------------|---------------|---------------|----------------|----------------|
| Material | BI-METALLIC | BI-METALLIC | BI-METALLIC | PRECISION CAST |
| Post | .19" (4.8mm) | .22" (5mm) | .20" (5.1mm) | .24" (6.1mm) |
| Neck | .08" (2mm) | .06" (2.5mm) | .055" (1.40mm) | .98" (24.9mm) |
| Bit Height | .45" (11.4mm) | .45" (11.4mm) | .32" (8.13mm) | .55" (14.0mm) |
| Bit Width | .45" (11.4mm) | .45" (11.4mm) | .265" (6.73mm) | .18" (4.8mm) |
| Bit Thick | .09" (2.3mm) | .11" (2.8mm) | .085" (2.16mm) | .17" (4.3mm) |

BIT KEYS



B44M

STEEL/ZINC

| | |
|------|----------|
| .19" | (4.8mm) |
| .05" | (1.3mm) |
| .71" | (18.0mm) |
| .63" | (16.0mm) |
| .09" | (2.3mm) |



45B

MI

| | |
|------|----------|
| .18" | (4.6mm) |
| .09" | (2.3mm) |
| .43" | (10.9mm) |
| .62" | (15.7mm) |
| .06" | (1.5mm) |

ILCO

Material
Post
Neck
Bit Height
Bit Width
Bit Thick

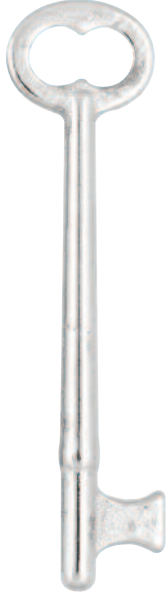
BIT KEYS



B45M

BI-METALLIC

| | |
|------|---------|
| .20" | (5mm) |
| .11" | (2.8mm) |
| .51" | (13mm) |
| .39" | (9.9mm) |
| .09" | (2.3mm) |



49B

MI

| | |
|------|---------|
| .18" | (4.6mm) |
| .12" | (3.0mm) |
| .37" | (9.4mm) |
| .35" | (8.9mm) |
| .06" | (1.5mm) |



52B

BRASS

| | |
|------|----------|
| .20" | (5mm) |
| .08" | (2mm) |
| .34" | (8.6mm) |
| .60" | (15.2mm) |
| .11" | (2.8mm) |



53 MASTER

MI

| | |
|------|----------|
| .19" | (4.8mm) |
| .13" | (3.3mm) |
| .43" | (10.9mm) |
| .46" | (11.7mm) |
| .09" | (2.3mm) |



C53





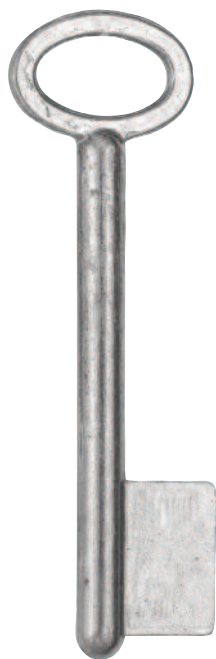





PRECISION CAST

| | |
|------|----------|
| .24" | (6.1mm) |
| — | |
| .48" | (12.2mm) |
| .38" | (9.7mm) |
| .17" | (4.3mm) |

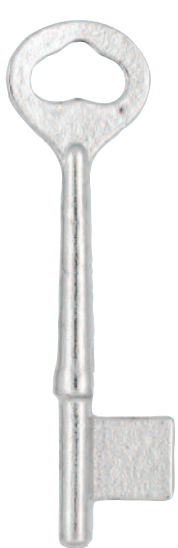

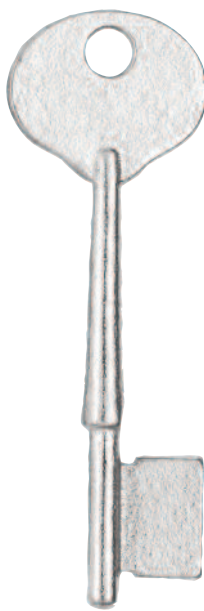

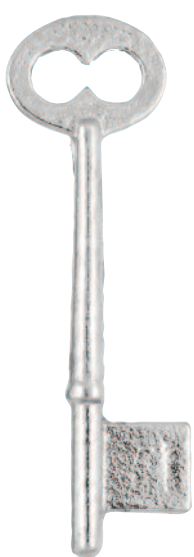





ILCO

Material
Post
Neck
Bit Height
Bit Width
Bit Thick

BIT KEYS

| | | | | | |
|-------------|---|---|---|---|---|
| |  |  |  |  |  |
| |  |  |  |  |  |
| ILCO | 54M | 66B | 67M | 68M | 69B |
| Material | MI | MI | MI | MI | BRASS |
| Post | .24" (6.1mm) | .20" (5.1mm) | .23" (6.1mm) | .19" (4.8mm) | .26" (6.6mm) |
| Neck | .16" (4.1mm) | .06" (2.5mm) | .10" (3.3mm) | .10" (3.3mm) | — |
| Bit Height | .44" (11.2mm) | .53" (14.0mm) | .61" (15.49mm) | .47" (11.9mm) | .52" (13.2mm) |
| Bit Width | .63" (16.0mm) | .50" (12.7mm) | .60" (15.11mm) | .53" (13.5mm) | .82" (20.8mm) |
| Bit Thick | .14" (3.6mm) | .09" (2.0mm) | .9" (22.86mm) | .08" (2.0mm) | .14" (3.6mm) |

BIT KEYS

| | | | | | |
|-------------|---|---|---|---|---|
| |  |  |  |  |  |
| |  |  |  |  |  |
| ILCO | 71B | 73M | 78B | 79B | 90B |
| Material | MI | MI | MI | MI | MI |
| Post | .20" (5.1mm) | .19" (5.1mm) | .18" (4.8mm) | .21" (5.3mm) | .18" (4.6mm) |
| Neck | .10" (2.5mm) | .08" (2.3mm) | .15" (3.6mm) | .12" (3.0mm) | .08" (2.3mm) |
| Bit Height | .44" (11.2mm) | .41" (10.2mm) | .46" (11.2mm) | .44" (11.2mm) | .53" (11.4mm) |
| Bit Width | .46" (11.7mm) | .44" (11.2mm) | .68" (17.3mm) | .37" (9.4mm) | .50" (12.7mm) |
| Bit Thick | .06" (1.5mm) | .08" (2.0mm) | .17" (4.3mm) | .07" (1.8mm) | .09" (2.3mm) |

BIT KEYS

**91B**

MI

**C110**

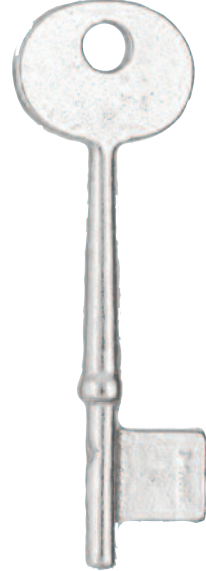
PRECISION CAST

**C112**

PRECISION CAST

**136SB**

MI

**163SB**

MI

ILCO

Material

Post

Neck

Bit Height

Bit Width

Bit Thick

.20" (5.1mm)

.09" (2.3mm)

.53" (13.5mm)

.57" (14.5mm)

.09" (2.3mm)

.22" (5.6mm)

.52" (13.2mm)

.45" (11.4mm)

.09" (2.3mm)

.10" (2.5mm)

.21" (5.3mm)

.08" (2.3mm)

.36" (9.1mm)

.59" (15.0mm)

.13" (3.3mm)

.24" (6.4mm)

.12" (3.0mm)

.44" (11.2mm)

.61" (15.5mm)

.16" (4.1mm)

.18" (4.8mm)

.13" (3.0mm)

.49" (12.2mm)

.52" (12.9mm)

.16" (3.8mm)

BIT KEYS



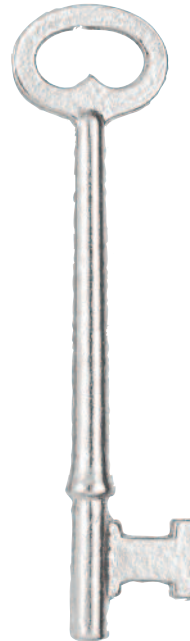
(Silca No. 6M36)

178SB

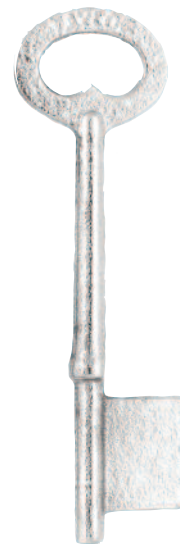
MI

**401N-2**

MI

**504**

MI

**506**

MI

ILCO

Material

Post

Neck

Bit Height

Bit Width

Bit Thick

.26" (6.6mm)

.09" (2.3mm)

.54" (13.7mm)

.69" (17.5mm)

.20" (5.0mm)

.20" (5.0mm)

.09" (2.3mm)

.41" (10.4mm)

.45" (11.4mm)

.12" (3.0mm)

.22" (5.6mm)

.12" (3.0mm)

.48" (12.2mm)

.45" (11.4mm)

.11" (2.8mm)

.16" (4.1mm)

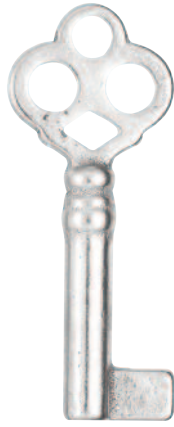
.12" (3.0mm)

.45" (11.4mm)

.62" (15.7mm)

.06" (1.5mm)

BARREL KEYS

21B

22BB

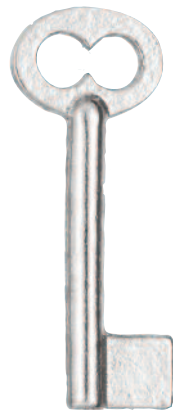
22M

23B

23M

| |
|-------------|
| ILCO |
| Material |
| Barrel Dia. |
| Hole Dia. |
| Hole Depth |
| Bit Height |
| Bit Width |
| Bit Thick |

BARREL KEYS

24B

27B

C30M

34B

C82M

| |
|-------------|
| ILCO |
| Material |
| Barrel Dia. |
| Hole Dia. |
| Hole Depth |
| Bit Height |
| Bit Width |
| Bit Thick |

| | | | | | |
|-------------|---------------|---------------|---------------|---------------|----------------|
| | MI | MI | PREC. CAST | MI | PRECISION CAST |
| Barrel Dia. | .19" (4.8mm) | .22" (5.6mm) | .24" (6.1mm) | .19" (4.8mm) | .23 (5.8mm) |
| Hole Dia. | .13" (3.3mm) | .15" (3.8mm) | .16" (4.1mm) | .13" (3.3mm) | .31 (7.9mm) |
| Hole Depth | .43" (10.9mm) | .60" (15.2mm) | .61" (15.5mm) | .56" (14.7mm) | .28 (7.1mm) |
| Bit Height | .22" (5.6mm) | .37" (9.4mm) | .37" (9.4mm) | .38" (9.7mm) | .11 (2.8mm) |
| Bit Width | .19" (4.8mm) | .43" (10.9mm) | .28" (7.1mm) | .34" (8.7mm) | .14 (3.6mm) |
| Bit Thick | .09" (2.3mm) | .10" (2.5mm) | .10" (2.5mm) | .08" (2.0mm) | .60 (15.2mm) |

BARREL KEYS



84B
MI

| | |
|------|----------|
| .19" | (4.8mm) |
| .13" | (3.3mm) |
| .43" | (10.9mm) |
| .22" | (5.6mm) |
| .19" | (4.8mm) |
| .09" | (2.3mm) |



669
PREC. CAST
CLOCK KEY



1500A
MI

| | |
|-----|----------|
| .22 | (5.6mm) |
| .14 | (3.6mm) |
| .19 | (4.8mm) |
| .56 | (14.2mm) |
| .09 | (2.3mm) |



6750
STEEL
HANDCUFF KEY

ILCO
Material
Barrel Dia.
Hole Dia.
Hole Depth
Bit Height
Bit Width
Bit Thick

BARREL KEYS



3F-1033
BRASS

| | |
|------|----------|
| .24" | (6.0mm) |
| .16" | (4.0mm) |
| .87" | (22.0mm) |
| .36" | (9.1mm) |
| .35" | (9.0mm) |
| .11" | (2.8mm) |



3F-1232
BRASS

| | |
|------|----------|
| .24" | (6.0mm) |
| .16" | (4.0mm) |
| .87" | (22.0mm) |
| .36" | (9.1mm) |
| .34" | (8.6mm) |
| .13" | (3.2mm) |



3F-1630
BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .36" | (9.1mm) |
| .36" | (9.1mm) |
| .12" | (3.0mm) |



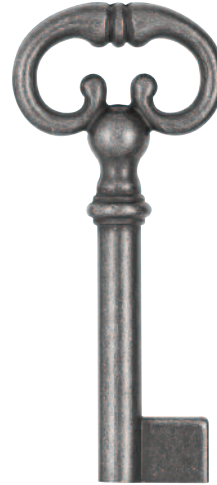
3F-1730
BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .36" | (9.1mm) |
| .35" | (9.0mm) |
| .12" | (3.0mm) |

ILCO
Material
Barrel Dia.
Hole Dia.
Hole Depth
Bit Height
Bit Width
Bit Thick

BARREL KEYS

3F-1738

3F-2532

3F-2635

3F-2830

ILCO
Material
Barrel Dia.
Hole Dia.
Hole Depth
Bit Height
Bit Width
Bit Thick

| | | | | |
|-------------|---------------|---------------|---------------|---------------|
| Material | BRASS | BRASS | BRASS | BRASS |
| Barrel Dia. | .23" (6.0mm) | .23" (6.0mm) | .23" (6.0mm) | .23" (6.0mm) |
| Hole Dia. | .16" (4.0mm) | .16" (4.0mm) | .16" (4.0mm) | .16" (94.0mm) |
| Hole Depth | .86" (22.0mm) | .86" (22.0mm) | .86" (22.0mm) | .86" (22.0mm) |
| Bit Height | .36" (9.1mm) | .35" (8.9mm) | .36" (9.1mm) | .36" (9.1mm) |
| Bit Width | .34" (8.8mm) | .35" (9.0mm) | .35" (9.0mm) | .36" (9.1mm) |
| Bit Thick | .12" (3.0mm) | .12" (3.1mm) | .13" (3.2mm) | .13" (3.2mm) |

BARREL KEYS

3F-2933

3F-4135

3F-4333

3F-4535

ILCO
Material
Barrel Dia.
Hole Dia.
Hole Depth
Bit Height
Bit Width
Bit Thick

| | | | | |
|-------------|---------------|---------------|---------------|---------------|
| Material | BRASS | BRASS | BRASS | BRASS |
| Barrel Dia. | .23" (6.0mm) | .23" (6.0mm) | .23" (6.0mm) | .23" (6.0mm) |
| Hole Dia. | .16" (4.0mm) | .16" (4.0mm) | .16" (4.0mm) | .16" (4.0mm) |
| Hole Depth | .86" (22.0mm) | .86" (22.0mm) | .86" (22.0mm) | .86" (22.0mm) |
| Bit Height | .36" (9.1mm) | .36" (9.1mm) | .36" (9.1mm) | .36" (9.1mm) |
| Bit Width | .35" (9.0mm) | .35" (9.0mm) | .34" (8.8mm) | .35" (9.0mm) |
| Bit Thick | .11" (2.9mm) | .11" (2.9mm) | .12" (3.0mm) | .10" (2.5mm) |

BARREL KEYS

3F-4735

BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .36" | (9.1mm) |
| .34" | (8.7mm) |
| .12" | (3.0mm) |


3F-4935

BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .36" | (9.1mm) |
| .35" | (9.0mm) |
| .12" | (3.1mm) |


3F-6932

BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .36" | (9.1mm) |
| .34" | (8.6mm) |
| .14" | (3.5mm) |


3M-2127

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .29" | (7.5mm) |
| .10" | (2.5mm) |


3M-2136

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .29" | (7.5mm) |
| .10" | (2.5mm) |

ILCO

| |
|-------------|
| Material |
| Barrel Dia. |
| Hole Dia. |
| Hole Depth |
| Bit Height |
| Bit Width |
| Bit Thick |

BARREL KEYS

3M-2734

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .35" | (9.0mm) |
| .10" | (2.5mm) |


3M-3427

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .31" | (8.0mm) |
| .10" | (2.5mm) |


3M-3437

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .31" | (8.0mm) |
| .10" | (2.5mm) |


3M-5935

BRASS

| | |
|------|----------|
| .22" | (5.7mm) |
| .14" | (3.5mm) |
| .86" | (22.0mm) |
| .25" | (6.4mm) |
| .30" | (7.6mm) |
| .10" | (2.5mm) |


3S-1832

BRASS

| | |
|------|----------|
| .23" | (6.0mm) |
| .16" | (4.0mm) |
| .86" | (22.0mm) |
| .35" | (9.0mm) |
| .35" | (9.0mm) |
| .14" | (3.5mm) |

ILCO

| |
|-------------|
| Material |
| Barrel Dia. |
| Hole Dia. |
| Hole Depth |
| Bit Height |
| Bit Width |
| Bit Thick |

BARREL KEYS



3S-2332



3S-5332



3S-7032

| | | | | |
|-------------|----------------|----------------|----------------|--|
| ILCO | 3S-2332 | 3S-5332 | 3S-7032 | |
| Material | BRASS | BRASS | BRASS | |
| Barrel Dia. | .23" (6.0mm) | .23" (6.0mm) | .23" (6.0mm) | |
| Hole Dia. | .16" (4.0mm) | .16" (4.0mm) | .16" (4.0mm) | |
| Hole Depth | .86" (22.0mm) | .86" (22.0mm) | .86" (22.0mm) | |
| Bit Height | .36" (9.1mm) | .36" (9.1mm) | .36" (9.1mm) | |
| Bit Width | .35" (9.0mm) | .35" (9.0mm) | .36" (9.1mm) | |
| Bit Thick | .12" (3.0mm) | .12" (3.0mm) | .12" (3.0mm) | |

BARREL KEYS

| | |
|-------------|--|
| ILCO | |
| Material | |
| Barrel Dia. | |
| Hole Dia. | |
| Hole Depth | |
| Bit Height | |
| Bit Width | |
| Bit Thick | |