

# SHIMS & SPACERS

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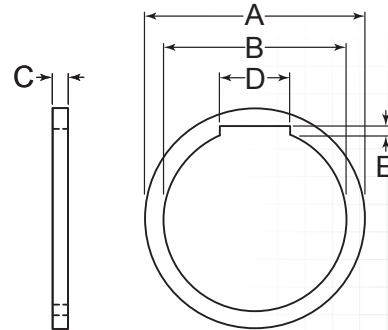
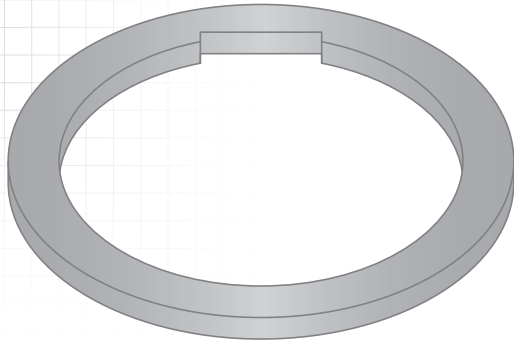
## ARBOR SPACER

### DESCRIPTION

The inside diameter of an arbor spacer features a key way that slides over a shaft and machine key during installation. A wide range of tightly toleranced sizes and thicknesses are available for accurate alignment and spacing.

### HOW TO IDENTIFY

1. Measure inside diameter (B).
2. Measure thickness (C).
3. Find the part number in the chart on the next page.



### PREFIX MATERIAL/FINISH

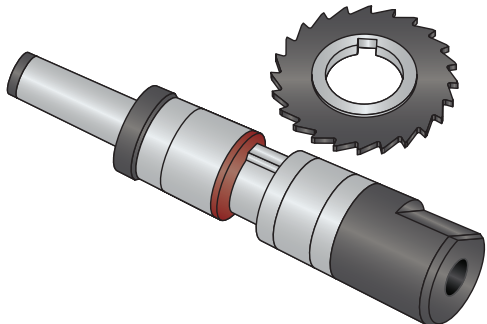
ARBOR = CARBON STEEL, PLAIN\*

FOR THICKNESSES GREATER THAN .125"  
SEE ARBOR COLLARS ON PAGE 126

### ARBOR SPACER TOLERANCES

| MATERIAL |                      | OUTSIDE DIAMETER (A) |             | INSIDE DIAMETER (B) |             | THICKNESS (C) |             |
|----------|----------------------|----------------------|-------------|---------------------|-------------|---------------|-------------|
| (Prefix) | (Material/Finish)    | (Size Range)         | (Tolerance) | (Size Range)        | (Tolerance) | (Size Range)  | (Tolerance) |
| ARBOR    | Carbon Steel, Plain* | All Sizes            | ±.002"      | All Sizes           | +.011/-0"   | .001 - .003"  | ±10%        |
|          |                      |                      |             |                     |             | .004 - .006"  | ±.0005"     |
|          |                      |                      |             |                     |             | .007 - .012"  | ±.00075"    |
|          |                      |                      |             |                     |             | .015 - .020"  | ±.001"      |
|          |                      |                      |             |                     |             | .025 - .031"  | ±.0015"     |
|          |                      |                      |             |                     |             | .047"         | ±.002"      |
|          |                      |                      |             |                     |             | .062"         | ±.0025"     |
|          |                      |                      |             |                     |             | .093 - .125"  | ±.003"      |

### WHAT'S AN ARBOR?



An arbor or mandrel, is a shaft, rod, or axle used to secure or support material, components, blades, or other work tools.

Arbor spacers are installed on either side of cutting tools in saws, slitters, and milling machines to take up slack.

### KEY WAY SIZE

| ID (B)         | KEY WAY (D × E) |
|----------------|-----------------|
| 3/8 - 1/2"     | 1/8" × 3/64"    |
| 5/8"           | 5/32" × 1/16"   |
| 3/4 - 7/8"     | 3/16" × 5/64"   |
| 1 - 1-1/8"     | 1/4" × 3/32"    |
| 1-1/4 - 1-3/8" | 5/16" × 1/8"    |
| 1-1/2 - 1-5/8" | 3/8" × 5/32"    |
| 1-3/4 - 1-7/8" | 7/16" × 3/16"   |
| 2"             | 1/2" × 3/16"    |
| 2-1/4 - 2-1/2" | 5/8" × 7/32"    |
| 2-3/4 - 3-1/2" | 3/4" × 1/4"     |
| 4"             | 1" × 5/8"       |

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT [HUYETT.COM](http://HUYETT.COM).

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



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## ARBOR SPACER

HOW TO BUILD A PART NUMBER

**ARBOR-0375-003**

ITEM PREFIX

(B)  
INSIDE DIAMETER

(C)  
THICKNESS

**ARBOR-**

TO ORDER ADD  
YOUR MATERIAL,

| CODE   | MATERIAL             |
|--------|----------------------|
| ARBOR- | Carbon Steel, Plain* |

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

**0375**

CHOOSE YOUR  
INSIDE DIAMETER,

| CODE | INSIDE DIAMETER | OUTSIDE DIAMETER |
|------|-----------------|------------------|
| 0375 | .375" (3/8)     | .625" (5/8)      |
| 0500 | .500" (1/2)     | .750" (3/4)      |
| 0625 | .625" (5/8)     | 1.000" (1)       |
| 0750 | .750" (3/4)     | 1.125" (1-1/8)   |
| 0875 | .875" (7/8)     | 1.375" (1-3/8)   |
| 1000 | 1.000" (1)      | 1.500" (1-1/2)   |
| 1125 | 1.125" (1-1/8)  | 1.625" (1-5/8)   |
| 1250 | 1.250" (1-1/4)  | 1.750" (1-3/4)   |
| 1375 | 1.375" (1-3/8)  | 1.875" (1-7/8)   |
| 1500 | 1.500" (1-1/2)  | 2.125" (2-1/8)   |
| 1625 | 1.625" (1-5/8)  | 2.500" (2-1/2)   |
| 1750 | 1.750" (1-3/4)  | 2.750" (2-3/4)   |
| 1875 | 1.875" (1-7/8)  | 2.875" (2-7/8)   |
| 2000 | 2.000" (2)      | 2.750" (2-3/4)   |
| 2250 | 2.250" (2-1/4)  | 3.250" (3-1/4)   |
| 2500 | 2.500" (2-1/2)  | 3.250" (3-1/4)   |
| 2750 | 2.750" (2-3/4)  | 4.000" (4)       |
| 3000 | 3.000" (3)      | 4.375" (4-3/8)   |
| 3500 | 3.500" (3-1/2)  | 4.750" (4-3/4)   |
| 4000 | 4.000" (4)      | 5.500" (5-1/2)   |

**-003**

CHOOSE YOUR  
THICKNESS.

| CODE | THICKNESS |
|------|-----------|
| 001  | .001"     |
| 0015 | .0015"    |
| 002  | .002"     |
| 003  | .003"     |
| 004  | .004"     |
| 005  | .005"     |
| 006  | .006"     |
| 007  | .007"     |
| 008  | .008"     |
| 010  | .010"     |
| 012  | .012"     |
| 015  | .015"     |
| 020  | .020"     |
| 025  | .025"     |
| 031  | .031"     |
| 047  | .047"     |
| 062  | .062"     |
| 093  | .093"     |
| 125  | .125"     |

## YOUR RETAINING RINGS DISTRIBUTOR



SNAP RINGS



CLIPS



SPIRAL RINGS



WIRE RINGS



PUSH-ON RINGS



WAVE SPRINGS

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