

SHIMS & SPACERS

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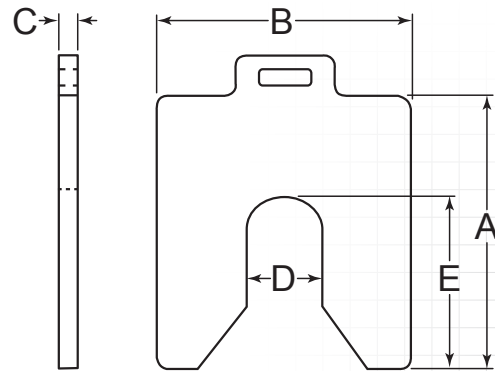
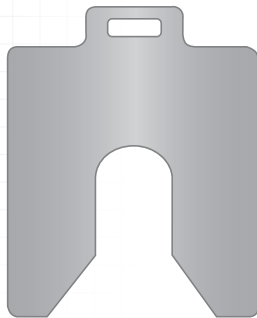
SLOTTED

DESCRIPTION

Slotted shims are used on assembled machine components for alignment and balance. The slot allows insertion without disassembling components. The tab is used as a handle during installation.

HOW TO IDENTIFY

1. Measure width (A).
2. Measure length (B).
3. Measure thickness (C).
4. Build the part number from the chart on the next page.



PREFIX MATERIAL/FINISH

SLOT = STAINLESS STEEL, PLAIN
 SLOTC = PLASTIC, ELASTOMER
 SLOTP = PLASTIC, POLYESTER/VINYL
 Material/finish combinations may not be available in all sizes.

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SLOTTED SHIM TOLERANCES

MATERIAL		LENGTH (A)		WIDTH (B)		THICKNESS (C)	
(Prefix)	(Material/Finish)	(Size Range)	(Tolerance)	(Size Range)	(Tolerance)	(Size Range)	(Tolerance)
SLOT	Stainless Steel, Plain	A	±.200"	A	±.020"	.001"	±.00008"
		B	±.300"	B	±.030"	.002"	±.00010"
		C	±.400"	C	±.040"	.003"	±.00015"
		D	±.500"	D	±.050"	.004"	±.00020"
SLOTC	Plastic, Elastomer					.005 - .009"	±.00025"
						.010 - .020"	±.00050"
						.025 - .031"	±.00075"
						.050 - .062"	±.00100"
SLOTP	Plastic, Polyester/Vinyl					.075 - .100"	±.00200"
						.125"	±.00250"
				A - B	±.015"	All Sizes	±.00500"
				C	±.040"		
				D	±.050"		
				All Sizes	±.015"	.0005"	±.00003"
						.001"	±.00005"
						.0015"	±.00008"
						.002"	±.00010"
						.003"	±.00015"
						.004"	±.00020"
						.005"	±.00025"
						.007"	±.00038"
						.010"	±.00050"
						.0125"	±.00063"
						.015"	±.00075"
						.020"	±.00100"
						.025"	±.00125"
						.030"	±.00150"
						.040"	±.00200"
						.050"	±.00250"
						.060"	±.00300"

SLOT SIZE

SHIM	(D) × (E)
Class AA (1.5" × 1.5")	5/16" × .728"
Class A (2" × 2")	SLOT: 5/8" × 1-9/32"
	SLOTC, SLOTP: 5/8" × 1-3/16"
Class B (3" × 3")	SLOT: 7/8" × 2-1/8"
	SLOTC, SLOTP: 3/4" × 1-11/16"
Class C (4" × 4")	1-1/4" × 2-3/4"
Class D (5" × 5")	1-5/8" × 3-5/8"

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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SLOTTED

HOW TO BUILD A PART NUMBER

SLOT-001D

ITEM PREFIX

(C)
THICKNESS

(A x B)
SIZE

SLOT-

TO ORDER CHOOSE
YOUR MATERIAL,

CODE	MATERIAL
SLOT-	Stainless Steel, Plain
SLOTP-	Plastic, Polyester/ Vinyl

001

CHOOSE YOUR
THICKNESS,

CODE	THICKNESS	CODE	THICKNESS
0005	.0005"	0125	.0125"
001	.0010"	015	.0150"
0015	.0015"	020	.0200"
002	.0020"	025	.0250"
003	.0030"	030	.0300"
004	.0040"	031	.0310"
005	.0050"	040	.0400"
006	.0060"	045	.0450"
007	.0070"	050	.0500"
0075	.0075"	060	.0600"
008	.0080"	062	.0620"
009	.0090"	075	.0750"
010	.0100"	100	.1000"
012	.0120"	125	.1250"

D

CHOOSE YOUR
SIZE.

CODE	SIZE
AA	1.5" x 1.5"
A	2" x 2"
B	3" x 3"
C	4" x 4"
D	5" x 5"

SLOTC-020B

ITEM PREFIX

(C)
THICKNESS

(A x B)
SIZE

SLOTC-

TO ORDER ADD
YOUR MATERIAL,

CODE	MATERIAL
SLOTC-	Plastic, Elastomer

020

CHOOSE YOUR
THICKNESS,

CODE	THICKNESS	COLOR
020	.0200"	Blue
045	.0450"	Yellow

B

CHOOSE YOUR
SIZE.

CODE	SIZE
A	2" x 2"
B	3" x 3"
C	4" x 4"
D	5" x 5"