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TYPE B

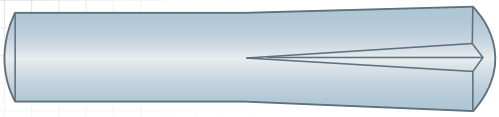
ASME B18.8.2

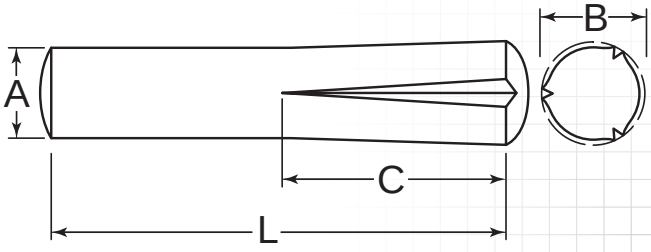
DESCRIPTION

Type B groove pins have three half-length tapered grooves and are typically used as a hinge, pivot, or stop. The grooved end locks into place when inserted into a drilled hole, leaving the smooth end free.

HOW TO IDENTIFY

1. Verify three half-length tapered grooves.
2. Measure the diameter (A).
3. Measure the length (L).
4. Find the part in the chart below.





PREFIX MATERIAL/FINISH

Type B identified by "-B" at end of item number.

GP = LOW CARBON STEEL, ZINC CLEAR
GPA = ALLOY STEEL, PLAIN*
GPS = 300 SERIES STAINLESS STEEL, PLAIN

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

ADDITIONAL SIZES AND FINISHES MAY BE AVAILABLE UPON REQUEST

ITEM NUMBER	(A) OUTSIDE DIAMETER	(L) OVERALL LENGTH +.010/-.010"	(B)* EXPANDED DIAMETER	(C) GROOVE LENGTH	END RADIUS
	+.0000/-.0015"		+.0020/.0020"		
PREFIX-0093-0250-B	.0938" (3/32)	.2500" (1/4)	.0990"	.1250" (1/8)	.1350"
PREFIX-0093-0750-B	.0938" (3/32)	.7500" (3/4)	.1000"	.3750" (3/8)	.1350"
	+.0000/-.0020"				
PREFIX-0125-0625-B	.1250" (1/8)	.6250" (5/8)	.1340"	.3125" (5/16)	.1660"
PREFIX-0125-0750-B	.1250" (1/8)	.7500" (3/4)	.1340"	.3750" (3/8)	.1660"
PREFIX-0125-0875-B	.1250" (1/8)	.8750" (7/8)	.1330"	.4375" (7/16)	.1660"
PREFIX-0156-0250-B	.1563" (5/32)	.2500" (1/4)	.1660"	.1250" (1/8)	.1980"
PREFIX-0156-0500-B	.1563" (5/32)	.5000" (1/2)	.1630"	.2500" (1/4)	.1980"
PREFIX-0156-1125-B	.1563" (5/32)	1.1250" (1-1/8)	.1660"	.5625" (9/16)	.1980"
			+.0025/.0025"		
PREFIX-0187-1000-B	.1875" (3/16)	1.0000" (1)	.1980"	.5000" (1/2)	.2600"
PREFIX-0187-1500-B	.1875" (3/16)	1.5000" (1-1/2)	.1980"	.7500" (3/4)	.2600"
PREFIX-0187-2000-B	.1875" (3/16)	2.0000" (2)	.1950"	1.0000" (1)	.2600"
PREFIX-0250-0750-B	.2500" (1/4)	.7500" (3/4)	.2630"	.3750" (3/8)	.3220"
PREFIX-0250-1000-B	.2500" (1/4)	1.0000" (1)	.2630"	.5000" (1/2)	.3220"
PREFIX-0250-1750-B	.2500" (1/4)	1.7500" (1-3/4)	.2630"	.8750" (7/8)	.3220"
PREFIX-0250-2000-B	.2500" (1/4)	2.0000" (2)	.2620"	1.0000" (1)	.3220"
PREFIX-0312-1000-B	.3125" (5/16)	1.0000" (1)	.3290"	.5000" (1/2)	.3850"
			+.0030/.0030"		
PREFIX-0375-1250-B	.3750" (3/8)	1.2500" (1-1/4)	.3940"	.6250" (5/8)	.4790"

*SEE STAINLESS STEEL AND OTHER SPECIAL MATERIAL TOLERANCES ON PAGE 169

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*Limited warranty for surface finish: 30 days from date of shipment. See page 8 for details.