ASME B18.8.2

TYPE C

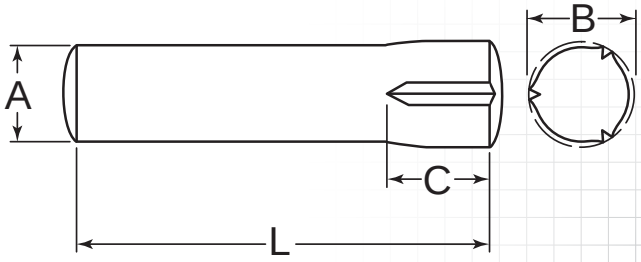
DESCRIPTION

Three quarter-length parallel grooves allows the remaining length to be a lead for easy insertion. Smooth end of the pin is ideal as a hinge or pivot.

HOW TO IDENTIFY

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





PREFIX MATERIAL/FINISH

Type C identified by "-C" 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	(B)* EXPANDED DIAMETER	(C) GROOVE LENGTH	END RADIUS
	+.0000/-.0015"	+.010/-.010"	+.0015/-.0015"		
PREFIX-0062-0250-C	.0625" (1/16)	.2500" (1/4)	.0680"	.0625" (1/16)	.0680"
PREFIX-0062-0375-C	.0625" (1/16)	.3750" (3/8)	.0680"	.0938" (3/32)	.0680"
PREFIX-0062-0500-C	.0625" (1/16)	.5000" (1/2)	.0680"	.1250" (1/8)	.0680"
PREFIX-0062-0625-C	.0625" (1/16)	.6250" (5/8)	.0680"	.1563" (5/32)	.0680"
PREFIX-0062-0750-C	.0625" (1/16)	.7500" (3/4)	.0670"	.1875" (3/16)	.0680"
PREFIX-0062-0875-C	.0625" (1/16)	.8750" (7/8)	.0670"	.2188" (7/32)	.0680"
PREFIX-0062-1000-C	.0625" (1/16)	1.0000" (1)	.0670"	.2500" (1/4)	.0680"
	+.0000/-.0015"	+.010/-.010"	+.0015/-.0015"		
PREFIX-0078-0375-C	.0781" (5/64)	.3750" (3/8)	.0820"	.0938" (3/32)	.0840"
PREFIX-0078-0437-C	.0781" (5/64)	.4375" (7/16)	.0820"	.1093" (7/64)	.0840"
	+.0000/-.0015"	+.010/-.010"	+.0020/-.0020"		
PREFIX-0093-0250-C	.0938" (3/32)	.2500" (1/4)	.1010"	.0625" (1/16)	.1150"
PREFIX-0093-0375-C	.0938" (3/32)	.3750" (3/8)	.1010"	.0938" (3/32)	.1150"
PREFIX-0093-0437-C	.0938" (3/32)	.4375" (7/16)	.1010"	.1093" (7/64)	.1150"
PREFIX-0093-0500-C	.0938" (3/32)	.5000" (1/2)	.1010"	.1250" (1/8)	.1150"
PREFIX-0093-0625-C	.0938" (3/32)	.6250" (5/8)	.1010"	.1563" (5/32)	.1150"

*STAINLESS STEEL AND OTHER SPECIAL MATERIAL TOLERANCES

(A) OUTSIDE DIAMETER	.0625" (1/16)	.0937" (3/32)	.1250" (1/8)	.1562" (5/32)	.1875" (3/16)	.2187" (7/32)	.025" (1/4)	.3125" (5/16)	.3750" (3/8)	.4375" (7/16)	.500" (1/2)
(B) EXPANDED DIAMETER TOLERANCE REDUCED BY:	.002"	.002"	.002"	.002"	.003"	.003"	.003"	.004"	.005"	.006"	.006"

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

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SALES@HUYETT.COM • FAX 785-392-2845

TYPE C

ASME B18.8.2

ITEM NUMBER	(A) OUTSIDE DIAMETER	(L) OVERALL LENGTH	(B)* EXPANDED DIAMETER	(C) GROOVE LENGTH	END RADIUS
	+.0000/-.0015"	+.010/-.010"	+.0020/-.0020"		
PREFIX-0093-0687-C	.0938" (3/32)	.6875" (11/16)	.1010"	.1718" (11/64)	.1150"
PREFIX-0093-0750-C	.0938" (3/32)	.7500" (3/4)	.1010"	.1875" (3/16)	.1150"
PREFIX-0093-0875-C	.0938" (3/32)	.8750" (7/8)	.1000"	.2188" (7/32)	.1150"
PREFIX-0093-1000-C	.0938" (3/32)	1.0000" (1)	.1000"	.2500" (1/4)	.1150"
PREFIX-0093-1250-C	.0938" (3/32)	1.2500" (1-1/4)	.1000"	.3125" (5/16)	.1150"
	+.0000/-.0020"	+.010/-.010"	+.0020/-.0020"		
PREFIX-0125-0250-C	.1250" (1/8)	.2500" (1/4)	.1340"	.0625" (1/16)	.1460"
PREFIX-0125-0312-C	.1250" (1/8)	.3125" (5/16)	.1340"	.0781" (5/64)	.1460"
PREFIX-0125-0375-C	.1250" (1/8)	.3750" (3/8)	.1340"	.0938" (3/32)	.1460"
PREFIX-0125-0500-C	.1250" (1/8)	.5000" (1/2)	.1340"	.1250" (1/8)	.1460"
PREFIX-0125-0625-C	.1250" (1/8)	.6250" (5/8)	.1340"	.1563" (5/32)	.1460"
PREFIX-0125-0750-C	.1250" (1/8)	.7500" (3/4)	.1340"	.1875" (3/16)	.1460"
PREFIX-0125-0875-C	.1250" (1/8)	.8750" (7/8)	.1330"	.2188" (7/32)	.1460"
PREFIX-0125-1000-C	.1250" (1/8)	1.0000" (1)	.1330"	.2500" (1/4)	.1460"
PREFIX-0125-1125-C	.1250" (1/8)	1.1250" (1-1/8)	.1320"	.2812" (9/32)	.1460"
PREFIX-0125-1250-C	.1250" (1/8)	1.2500" (1-1/4)	.1320"	.3125" (5/16)	.1460"
PREFIX-0125-1500-C	.1250" (1/8)	1.5000" (1-1/2)	.1320"	.3750" (3/8)	.1460"
	+.0000/-.0020"	+.010/-.010"	+.0020/-.0020"		
PREFIX-0156-0375-C	.1563" (5/32)	.3750" (3/8)	.1660"	.0938" (3/32)	.1780"
PREFIX-0156-0437-C	.1563" (5/32)	.4375" (7/16)	.1660"	.1093" (7/64)	.1780"
PREFIX-0156-0500-C	.1563" (5/32)	.5000" (1/2)	.1660"	.1250" (1/8)	.1780"
PREFIX-0156-0625-C	.1563" (5/32)	.6250" (5/8)	.1660"	.1563" (5/32)	.1780"
PREFIX-0156-0750-C	.1563" (5/32)	.7500" (3/4)	.1660"	.1875" (3/16)	.1780"
PREFIX-0156-0875-C	.1563" (5/32)	.8750" (7/8)	.1650"	.2188" (7/32)	.1780"
PREFIX-0156-1000-C	.1563" (5/32)	1.0000" (1)	.1650"	.2500" (1/4)	.1780"
PREFIX-0156-1250-C	.1563" (5/32)	1.2500" (1-1/4)	.1640"	.3125" (5/16)	.1780"
PREFIX-0156-1500-C	.1563" (5/32)	1.5000" (1-1/2)	.1640"	.3750" (3/8)	.1780"
PREFIX-0156-1750-C	.1563" (5/32)	1.7500" (1-3/4)	.1630"	.4375" (7/16)	.1780"
PREFIX-0156-2000-C	.1563" (5/32)	2.0000" (2)	.1630"	.5000" (1/2)	.1780"
	+.0000/-.0020"	+.010/-.010"	+.0025/-.0025"		
PREFIX-0187-0375-C	.1875" (3/16)	.3750" (3/8)	.1980"	.0938" (3/32)	.2400"
PREFIX-0187-0500-C	.1875" (3/16)	.5000" (1/2)	.1980"	.1250" (1/8)	.2400"
PREFIX-0187-0625-C	.1875" (3/16)	.6250" (5/8)	.1980"	.1563" (5/32)	.2400"
PREFIX-0187-0750-C	.1875" (3/16)	.7500" (3/4)	.1980"	.1875" (3/16)	.2400"
PREFIX-0187-0875-C	.1875" (3/16)	.8750" (7/8)	.1980"	.2188" (7/32)	.2400"
PREFIX-0187-1000-C	.1875" (3/16)	1.0000" (1)	.1980"	.2500" (1/4)	.2400"
PREFIX-0187-1250-C	.1875" (3/16)	1.2500" (1-1/4)	.1970"	.3125" (5/16)	.2400"
PREFIX-0187-1500-C	.1875" (3/16)	1.5000" (1-1/2)	.1970"	.3750" (3/8)	.2400"
PREFIX-0187-1750-C	.1875" (3/16)	1.7500" (1-3/4)	.1970"	.4375" (7/16)	.2400"
PREFIX-0187-2000-C	.1875" (3/16)	2.0000" (2)	.1960"	.5000" (1/2)	.2400"
	+.0000/-.0020"	+.010/-.010"	+.0025/-.0025"		
PREFIX-0218-0500-C	.2188" (7/32)	.5000" (1/2)	.2300"	.1250" (1/8)	.2710"
PREFIX-0218-0625-C	.2188" (7/32)	.6250" (5/8)	.2300"	.1563" (5/32)	.2710"
PREFIX-0218-0750-C	.2188" (7/32)	.7500" (3/4)	.2300"	.1875" (3/16)	.2710"

*STAINLESS STEEL AND OTHER SPECIAL MATERIAL TOLERANCES

(A) OUTSIDE DIAMETER	.0625" (1/16)	.0937" (3/32)	.1250" (1/8)	.1562" (5/32)	.1875" (3/16)	.2187" (7/32)	.025" (1/4)	.3125" (5/16)	.3750" (3/8)	.4375" (7/16)	.500" (1/2)
(B) EXPANDED DIAMETER TOLERANCE REDUCED BY:	.002"	.002"	.002"	.002"	.003"	.003"	.003"	.004"	.005"	.006"	.006"

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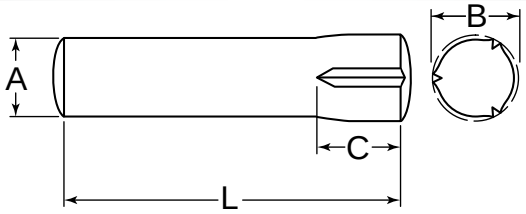
ASME B18.8.2

TYPE C

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

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

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



ITEM NUMBER	(A) OUTSIDE DIAMETER	(L) OVERALL LENGTH	(B)* EXPANDED DIAMETER	(C) GROOVE LENGTH	END RADIUS
PREFIX-0218-0875-C	.2188" (7/32)	.8750" (7/8)	.2300"	.2188" (7/32)	.2710"
PREFIX-0218-1000-C	.2188" (7/32)	1.0000" (1)	.2300"	.2500" (1/4)	.2710"
PREFIX-0218-1250-C	.2188" (7/32)	1.2500" (1-1/4)	.2300"	.3125" (5/16)	.2710"
PREFIX-0218-1500-C	.2188" (7/32)	1.5000" (1-1/2)	.2290"	.3750" (3/8)	.2710"
PREFIX-0218-1750-C	.2188" (7/32)	1.7500" (1-3/4)	.2290"	.4375" (7/16)	.2710"
PREFIX-0218-2000-C	.2188" (7/32)	2.0000" (2)	.2290"	.5000" (1/2)	.2710"
PREFIX-0218-2250-C	.2188" (7/32)	2.2500" (2-1/4)	.2290"	.5625" (9/16)	.2710"
	+.0000/-.0020"	+.010/-.010"	+.0025/-.0025"		
PREFIX-0250-0500-C	.2500" (1/4)	.5000" (1/2)	.2630"	.1250" (1/8)	.3020"
PREFIX-0250-0625-C	.2500" (1/4)	.6250" (5/8)	.2630"	.1563" (5/32)	.3020"
PREFIX-0250-0750-C	.2500" (1/4)	.7500" (3/4)	.2630"	.1875" (3/16)	.3020"
PREFIX-0250-0875-C	.2500" (1/4)	.8750" (7/8)	.2630"	.2188" (7/32)	.3020"
PREFIX-0250-1000-C	.2500" (1/4)	1.0000" (1)	.2630"	.2500" (1/4)	.3020"
PREFIX-0250-1250-C	.2500" (1/4)	1.2500" (1-1/4)	.2630"	.3125" (5/16)	.3020"
PREFIX-0250-1500-C	.2500" (1/4)	1.5000" (1-1/2)	.2620"	.3750" (3/8)	.3020"
PREFIX-0250-1625-C	.2500" (1/4)	1.6250" (1-5/8)	.2620"	.4062" (13/32)	.3020"
PREFIX-0250-1750-C	.2500" (1/4)	1.7500" (1-3/4)	.2620"	.4375" (7/16)	.3020"
PREFIX-0250-2000-C	.2500" (1/4)	2.0000" (2)	.2620"	.5000" (1/2)	.3020"
PREFIX-0250-2250-C	.2500" (1/4)	2.2500" (2-1/4)	.2620"	.5625" (9/16)	.3020"
PREFIX-0250-2500-C	.2500" (1/4)	2.5000" (2-1/2)	.2610"	.6250" (5/8)	.3020"
PREFIX-0250-2750-C	.2500" (1/4)	2.7500" (2-3/4)	.2610"	.6875" (11/16)	.3020"
	+.0000/-.0020"	+.010/-.010"	+.0025/-.0025"		
PREFIX-0312-0625-C	.3125" (5/16)	.6250" (5/8)	.3290"	.1563" (5/32)	.3650"
PREFIX-0312-0750-C	.3125" (5/16)	.7500" (3/4)	.3290"	.1875" (3/16)	.3650"
PREFIX-0312-0875-C	.3125" (5/16)	.8750" (7/8)	.3290"	.2188" (7/32)	.3650"
PREFIX-0312-1000-C	.3125" (5/16)	1.0000" (1)	.3290"	.2500" (1/4)	.3650"
PREFIX-0312-1250-C	.3125" (5/16)	1.2500" (1-1/4)	.3290"	.3125" (5/16)	.3650"
PREFIX-0312-1500-C	.3125" (5/16)	1.5000" (1-1/2)	.3290"	.3750" (3/8)	.3650"
PREFIX-0312-1750-C	.3125" (5/16)	1.7500" (1-3/4)	.3280"	.4375" (7/16)	.3650"
PREFIX-0312-2000-C	.3125" (5/16)	2.0000" (2)	.3280"	.5000" (1/2)	.3650"
PREFIX-0312-2250-C	.3125" (5/16)	2.2500" (2-1/4)	.3280"	.5625" (9/16)	.3650"
PREFIX-0312-2500-C	.3125" (5/16)	2.5000" (2-1/2)	.3270"	.6250" (5/8)	.3650"
PREFIX-0312-2750-C	.3125" (5/16)	2.7500" (2-3/4)	.3270"	.6875" (11/16)	.3650"
	+.0000/-.0020"	+.010/-.010"	+.0030/-.0030"		
PREFIX-0375-0750-C	.3750" (3/8)	.7500" (3/4)	.3940"	.1875" (3/16)	.4590"
PREFIX-0375-0875-C	.3750" (3/8)	.8750" (7/8)	.3940"	.2188" (7/32)	.4590"
PREFIX-0375-1000-C	.3750" (3/8)	1.0000" (1)	.3940"	.2500" (1/4)	.4590"
PREFIX-0375-1250-C	.3750" (3/8)	1.2500" (1-1/4)	.3940"	.3125" (5/16)	.4590"
PREFIX-0375-1500-C	.3750" (3/8)	1.5000" (1-1/2)	.3940"	.3750" (3/8)	.4590"

TO ORDER, REPLACE PREFIX WITH YOUR CHOICE:

GP • GPA • GPS

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TYPE C

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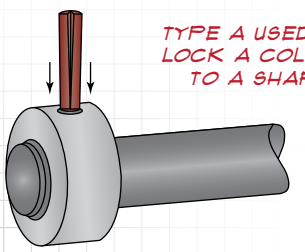
ITEM NUMBER	(A) OUTSIDE DIAMETER	(L) OVERALL LENGTH	(B)* EXPANDED DIAMETER	(C) GROOVE LENGTH	END RADIUS
	+.0000/-.0020"	+.010/-.010"	+.0030/-.0030"		
PREFIX-0375-1750-C	.3750" (3/8)	1.7500" (1-3/4)	.3930"	.4375" (7/16)	.4590"
PREFIX-0375-2000-C	.3750" (3/8)	2.0000" (2)	.3930"	.5000" (1/2)	.4590"
PREFIX-0375-2250-C	.3750" (3/8)	2.2500" (2-1/4)	.3930"	.5625" (9/16)	.4590"
PREFIX-0375-2500-C	.3750" (3/8)	2.5000" (2-1/2)	.3930"	.6250" (5/8)	.4590"
PREFIX-0375-2750-C	.3750" (3/8)	2.7500" (2-3/4)	.3930"	.6875" (11/16)	.4590"
PREFIX-0375-3000-C	.3750" (3/8)	3.0000" (3)	.3920"	.7500" (3/4)	.4590"
PREFIX-0375-3250-C	.3750" (3/8)	3.2500" (3-1/4)	.3920"	.8125" (13/16)	.4590"
PREFIX-0375-3500-C	.3750" (3/8)	3.5000" (3-1/2)	.3910"	.8750" (7/8)	.4590"
	+.0000/-.0020"	+.010/-.010"	+.0030/-.0030"		
PREFIX-0437-0875-C	.4375" (7/16)	.8750" (7/8)	.4590"	.2188" (7/32)	.5210"
PREFIX-0437-1000-C	.4375" (7/16)	1.0000" (1)	.4590"	.2500" (1/4)	.5210"
PREFIX-0437-1250-C	.4375" (7/16)	1.2500" (1-1/4)	.4590"	.3125" (5/16)	.5210"
PREFIX-0437-1500-C	.4375" (7/16)	1.5000" (1-1/2)	.4590"	.3750" (3/8)	.5210"
PREFIX-0437-1750-C	.4375" (7/16)	1.7500" (1-3/4)	.4590"	.4375" (7/16)	.5210"
PREFIX-0437-2000-C	.4375" (7/16)	2.0000" (2)	.4580"	.5000" (1/2)	.5210"
PREFIX-0437-2250-C	.4375" (7/16)	2.2500" (2-1/4)	.4580"	.5625" (9/16)	.5210"
PREFIX-0437-2500-C	.4375" (7/16)	2.5000" (2-1/2)	.4580"	.6250" (5/8)	.5210"
PREFIX-0437-2750-C	.4375" (7/16)	2.7500" (2-3/4)	.4580"	.6875" (11/16)	.5210"
PREFIX-0437-3000-C	.4375" (7/16)	3.0000" (3)	.4570"	.7500" (3/4)	.5210"
PREFIX-0437-3250-C	.4375" (7/16)	3.2500" (3-1/4)	.4570"	.8125" (13/16)	.5210"
PREFIX-0437-3500-C	.4375" (7/16)	3.5000" (3-1/2)	.4560"	.8750" (7/8)	.5210"
	+.0000/-.0020"	+.010/-.010"	+.0030/-.0030"		
PREFIX-0500-1000-C	.5000" (1/2)	1.0000" (1)	.5250"	.2500" (1/4)	.6150"
PREFIX-0500-1250-C	.5000" (1/2)	1.2500" (1-1/4)	.5250"	.3125" (5/16)	.6150"
PREFIX-0500-1500-C	.5000" (1/2)	1.5000" (1-1/2)	.5250"	.3750" (3/8)	.6150"
PREFIX-0500-1750-C	.5000" (1/2)	1.7500" (1-3/4)	.5250"	.4375" (7/16)	.6150"
PREFIX-0500-2000-C	.5000" (1/2)	2.0000" (2)	.5250"	.5000" (1/2)	.6150"
PREFIX-0500-2250-C	.5000" (1/2)	2.2500" (2-1/4)	.5240"	.5625" (9/16)	.6150"
PREFIX-0500-2500-C	.5000" (1/2)	2.5000" (2-1/2)	.5240"	.6250" (5/8)	.6150"
PREFIX-0500-2750-C	.5000" (1/2)	2.7500" (2-3/4)	.5240"	.6875" (11/16)	.6150"
PREFIX-0500-3000-C	.5000" (1/2)	3.0000" (3)	.5230"	.7500" (3/4)	.6150"
PREFIX-0500-3250-C	.5000" (1/2)	3.2500" (3-1/4)	.5230"	.8125" (13/16)	.6150"
PREFIX-0500-3500-C	.5000" (1/2)	3.5000" (3-1/2)	.5220"	.8750" (7/8)	.6150"

TO ORDER, REPLACE PREFIX WITH YOUR CHOICE:

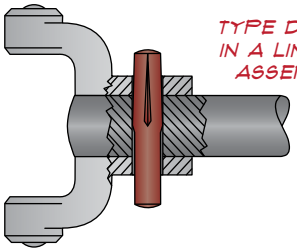
GP • GPA • GPS

IN STOCK ORDERS SHIP NEXT BUSINESS DAY

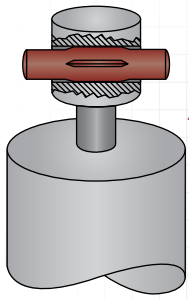
APPLICATIONS



TYPE A USED TO LOCK A COLLAR TO A SHAFT



TYPE D USED IN A LINKAGE ASSEMBLY



TYPE E USED AS A HANDLE

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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