



GROOVED PINS

HUYETT.COM • 785-392-3017

ASME B18.8.2

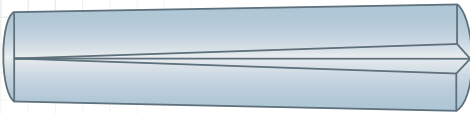
TYPE A

DESCRIPTION

Three full-length tapered grooves. Ideal for applications requiring superior locking effect and ease of assembly.

HOW TO IDENTIFY

1. Verify three full-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 A identified by "-A" 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	(L) OVERALL LENGTH +.010/-0.010"	(B)* EXPANDED DIA.
1/16 (.0625") End Radius: .0880" Groove Length = Overall Length (A) Outside Diameter: +.0000/-0.0015" (B) Expanded Diameter: +.0015/-0.0015"		
PREFIX-0062-0250-A	.2500" (1/4)	.0680"
PREFIX-0062-0375-A	.3750" (3/8)	.0680"
PREFIX-0062-0500-A	.5000" (1/2)	.0680"
PREFIX-0062-0625-A	.6250" (5/8)	.0680"
PREFIX-0062-0750-A	.7500" (3/4)	.0670"
PREFIX-0062-0875-A	.8750" (7/8)	.0670"
PREFIX-0062-1000-A	1.0000" (1)	.0670"

3/32 (.0938") End Radius: .1350" Groove Length = Overall Length (A) Outside Diameter: +.0000/-0.0015" (B) Expanded Diameter: +.002/-0.002"		
PREFIX-0093-0250-A	.2500" (1/4)	.1010"
PREFIX-0093-0375-A	.3750" (3/8)	.1010"
PREFIX-0093-0500-A	.5000" (1/2)	.1010"
PREFIX-0093-0562-A	.5625" (9/16)	.1010"

ITEM NUMBER	(L) OVERALL LENGTH +.010/-0.010"	(B)* EXPANDED DIA.
PREFIX-0093-0625-A	.6250" (5/8)	.1010"
PREFIX-0093-0687-A	.6875" (11/16)	.1010"
PREFIX-0093-0750-A	.7500" (3/4)	.1010"
PREFIX-0093-0875-A	.8750" (7/8)	.1000"
PREFIX-0093-1000-A	1.0000" (1)	.1000"
PREFIX-0093-1250-A	1.2500" (1-1/4)	.1000"

1/8 (.1250") End Radius: .1660" Groove Length = Overall Length (A) Outside Diameter: +.000/-0.002" (B) Expanded Diameter: +.002/-0.002"		
PREFIX-0125-0250-A	.2500" (1/4)	.1340"
PREFIX-0125-0312-A	.3125" (5/16)	.1340"
PREFIX-0125-0375-A	.3750" (3/8)	.1340"
PREFIX-0125-0500-A	.5000" (1/2)	.1340"
PREFIX-0125-0562-A	.5625" (9/16)	.1340"
PREFIX-0125-0625-A	.6250" (5/8)	.1340"
PREFIX-0125-0750-A	.7500" (3/4)	.1340"
PREFIX-0125-0875-A	.8750" (7/8)	.1330"

*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"

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

Prices, materials, dimensions, tolerances, designs, and grades subject to change without notice. © 2015 G.L. Huyett

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

GROOVED PINS

HUYETT.COM • 785-392-3017

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TYPE A

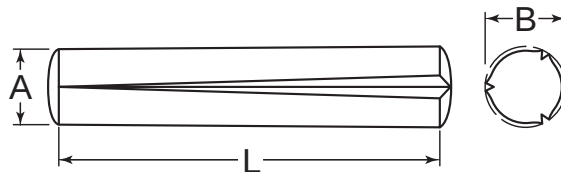
ASME B18.8.2

PREFIX MATERIAL/FINISH

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

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GPS = 300 SERIES STAINLESS STEEL, PLAIN

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ITEM NUMBER	(L) OVERALL LENGTH +.010/- .010"	(B)* EXPANDED DIA.
1/8 (.1250") (A) Outside Diameter: +.000/- .002"		
End Radius: .1660" Groove Length = Overall Length (B) Expanded Diameter: +.002/- .002"		
PREFIX-0125-1000-A	1.0000" (1)	.1330"
PREFIX-0125-1125-A	1.1250" (1-1/8)	.1320"
PREFIX-0125-1250-A	1.2500" (1-1/4)	.1320"
PREFIX-0125-1500-A	1.5000" (1-1/2)	.1320"

5/32 (.1563") (A) Outside Diameter: +.000/- .002"		
End Radius: .1980" Groove Length = Overall Length (B) Expanded Diameter: +.002/- .002"		
PREFIX-0156-0375-A	.3750" (3/8)	.1660"
PREFIX-0156-0500-A	.5000" (1/2)	.1660"
PREFIX-0156-0625-A	.6250" (5/8)	.1660"
PREFIX-0156-0750-A	.7500" (3/4)	.1660"
PREFIX-0156-0875-A	.8750" (7/8)	.1650"
PREFIX-0156-1000-A	1.0000" (1)	.1650"
PREFIX-0156-1125-A	1.1250" (1-1/8)	.1640"
PREFIX-0156-1250-A	1.2500" (1-1/4)	.1640"
PREFIX-0156-1500-A	1.5000" (1-1/2)	.1640"
PREFIX-0156-1750-A	1.7500" (1-3/4)	.1630"
PREFIX-0156-2000-A	2.0000" (2)	.1630"

3/16 (.1875") (A) Outside Diameter: +.000/- .002"		
End Radius: .2600" Groove Length = Overall Length (B) Expanded Diameter: +.0025/- .0025"		
PREFIX-0187-0312-A	.3125" (5/16)	.1980"
PREFIX-0187-0375-A	.3750" (3/8)	.1980"
PREFIX-0187-0500-A	.5000" (1/2)	.1980"
PREFIX-0187-0625-A	.6250" (5/8)	.1980"
PREFIX-0187-0750-A	.7500" (3/4)	.1980"
PREFIX-0187-0875-A	.8750" (7/8)	.1980"
PREFIX-0187-1000-A	1.0000" (1)	.1980"
PREFIX-0187-1125-A	1.1250" (1-1/8)	.1970"
PREFIX-0187-1250-A	1.2500" (1-1/4)	.1970"
PREFIX-0187-1375-A	1.3750" (1-3/8)	.1970"
PREFIX-0187-1500-A	1.5000" (1-1/2)	.1970"
PREFIX-0187-1750-A	1.7500" (1-3/4)	.1970"
PREFIX-0187-2000-A	2.0000" (2)	.1960"
PREFIX-0187-2250-A	2.2500" (2-1/4)	.1960"

7/32 (.2188") (A) Outside Diameter: +.000/- .002"		
End Radius: .2910" Groove Length = Overall Length (B) Expanded Diameter: +.0025/- .0025"		
PREFIX-0218-0500-A	.5000" (1/2)	.2300"
PREFIX-0218-0625-A	.6250" (5/8)	.2300"
PREFIX-0218-0750-A	.7500" (3/4)	.2300"
PREFIX-0218-0875-A	.8750" (7/8)	.2300"
PREFIX-0218-1000-A	1.0000" (1)	.2300"
PREFIX-0218-1250-A	1.2500" (1-1/4)	.2300"
PREFIX-0218-1500-A	1.5000" (1-1/2)	.2290"
PREFIX-0218-1750-A	1.7500" (1-3/4)	.2290"
PREFIX-0218-2000-A	2.0000" (2)	.2290"
PREFIX-0218-2250-A	2.2500" (2-1/4)	.2290"

1/4 (.2500") (A) Outside Diameter: +.000/- .002"		
End Radius: .3220" Groove Length = Overall Length (B) Expanded Diameter: +.0025/- .0025"		
PREFIX-0250-0500-A	.5000" (1/2)	.2630"
PREFIX-0250-0625-A	.6250" (5/8)	.2630"
PREFIX-0250-0750-A	.7500" (3/4)	.2630"
PREFIX-0250-0875-A	.8750" (7/8)	.2630"
PREFIX-0250-1000-A	1.0000" (1)	.2630"
PREFIX-0250-1250-A	1.2500" (1-1/4)	.2630"
PREFIX-0250-1375-A	1.3750" (1-3/8)	.2620"
PREFIX-0250-1500-A	1.5000" (1-1/2)	.2620"
PREFIX-0250-1750-A	1.7500" (1-3/4)	.2620"
PREFIX-0250-2000-A	2.0000" (2)	.2620"
PREFIX-0250-2250-A	2.2500" (2-1/4)	.2620"
PREFIX-0250-2500-A	2.5000" (2-1/2)	.2610"
PREFIX-0250-2750-A	2.7500" (2-3/4)	.2610"

5/16 (.3125") (A) Outside Diameter: +.000/- .002"		
End Radius: .3850" Groove Length = Overall Length (B) Expanded Diameter: +.0025/- .0025"		
PREFIX-0312-0375-A	.3750" (3/8)	.3290"
PREFIX-0312-0625-A	.6250" (5/8)	.3290"
PREFIX-0312-0750-A	.7500" (3/4)	.3290"
PREFIX-0312-0875-A	.8750" (7/8)	.3290"
PREFIX-0312-1000-A	1.0000" (1)	.3290"
PREFIX-0312-1250-A	1.2500" (1-1/4)	.3290"
PREFIX-0312-1500-A	1.5000" (1-1/2)	.3290"
PREFIX-0312-1625-A	1.6250" (1-5/8)	.3280"
PREFIX-0312-1750-A	1.7500" (1-3/4)	.3280"
PREFIX-0312-2000-A	2.0000" (2)	.3280"
PREFIX-0312-2250-A	2.2500" (2-1/4)	.3280"

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

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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TYPE A

ITEM NUMBER	(L) OVERALL LENGTH +.010/- .010"	(B)* EXPANDED DIA.
PREFIX-0312-2500-A	2.5000" (2-1/2)	.3270"
PREFIX-0312-2750-A	2.7500" (2-3/4)	.3270"

3/8 (.3750") (A) Outside Diameter: +.000/- .002" End Radius: .4790" Groove Length = Overall Length (B) Expanded Diameter: +.003/- .003"		
PREFIX-0375-0750-A	.7500" (3/4)	.3940"
PREFIX-0375-0875-A	.8750" (7/8)	.3940"
PREFIX-0375-1000-A	1.0000" (1)	.3940"
PREFIX-0375-1250-A	1.2500" (1-1/4)	.3940"
PREFIX-0375-1500-A	1.5000" (1-1/2)	.3940"
PREFIX-0375-1750-A	1.7500" (1-3/4)	.3930"
PREFIX-0375-2000-A	2.0000" (2)	.3930"
PREFIX-0375-2250-A	2.2500" (2-1/4)	.3930"
PREFIX-0375-2500-A	2.5000" (2-1/2)	.3930"
PREFIX-0375-2750-A	2.7500" (2-3/4)	.3930"
PREFIX-0375-3000-A	3.0000" (3)	.3920"
PREFIX-0375-3250-A	3.2500" (3-1/4)	.3920"
PREFIX-0375-3500-A	3.5000" (3-1/2)	.3910"

7/16 (.4375") (A) Outside Diameter: +.000/- .002" End Radius: .5410" Groove Length = Overall Length (B) Expanded Diameter: +.003/- .003"		
PREFIX-0437-0875-A	.8750" (7/8)	.4590"
PREFIX-0437-1000-A	1.0000" (1)	.4590"
PREFIX-0437-1250-A	1.2500" (1-1/4)	.4590"

ITEM NUMBER	(L) OVERALL LENGTH +.010/- .010"	(B)* EXPANDED DIA.
PREFIX-0437-1500-A	1.5000" (1-1/2)	.4590"
PREFIX-0437-1750-A	1.7500" (1-3/4)	.4590"
PREFIX-0437-2000-A	2.0000" (2)	.4580"
PREFIX-0437-2250-A	2.2500" (2-1/4)	.4580"
PREFIX-0437-2500-A	2.5000" (2-1/2)	.4580"
PREFIX-0437-2750-A	2.7500" (2-3/4)	.4580"
PREFIX-0437-3000-A	3.0000" (3)	.4570"
PREFIX-0437-3250-A	3.2500" (3-1/4)	.4570"
PREFIX-0437-3500-A	3.5000" (3-1/2)	.4560"

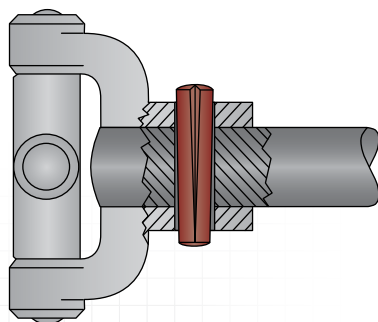
1/2 (.5000") (A) Outside Diameter: +.000/- .002" End Radius: .6350" Groove Length = Overall Length (B) Expanded Diameter: +.003/- .003"		
PREFIX-0500-1000-A	1.0000" (1)	.5250"
PREFIX-0500-1250-A	1.2500" (1-1/4)	.5250"
PREFIX-0500-1500-A	1.5000" (1-1/2)	.5250"
PREFIX-0500-1750-A	1.7500" (1-3/4)	.5250"
PREFIX-0500-2000-A	2.0000" (2)	.5250"
PREFIX-0500-2250-A	2.2500" (2-1/4)	.5240"
PREFIX-0500-2500-A	2.5000" (2-1/2)	.5240"
PREFIX-0500-2750-A	2.7500" (2-3/4)	.5240"
PREFIX-0500-3000-A	3.0000" (3)	.5230"
PREFIX-0500-3250-A	3.2500" (3-1/4)	.5230"
PREFIX-0500-3500-A	3.5000" (3-1/2)	.5220"
PREFIX-0500-3750-A	3.7500"	.5220"

TO ORDER, REPLACE PREFIX
WITH YOUR CHOICE:

GP • GPA • GPG

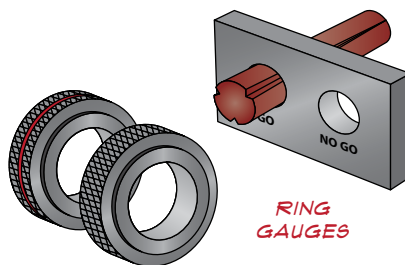
IN STOCK
ORDERS SHIP NEXT
BUSINESS DAY

APPLICATION



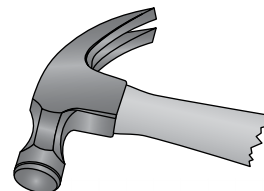
AS A LOCK PIN

EASY TO INSTALL

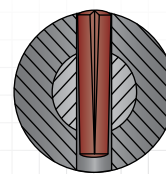
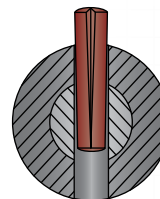


GO/NO GO ring gauges are used to check grooved pin sizes. GO gauges are larger than NO GO gauges and may be separate units. If unmarked, an annular groove in the knurled outer surface of a NO GO ring distinguishes it from a GO ring.

DETERMINE SIZE



POUND INTO
PLACE



SECURE TIGHT
FIT ONCE
INSTALLED

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