



GROOVED PINS

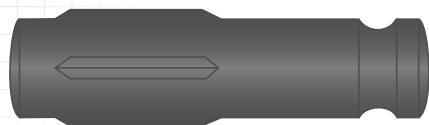
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(SIMILAR TO TYPE G)

DIN 1469

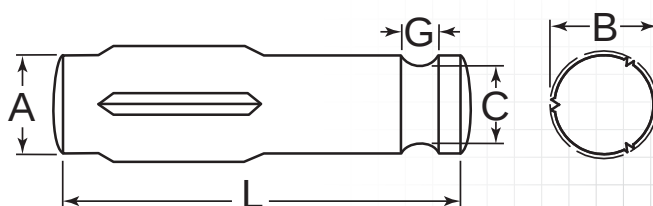
DESCRIPTION

A short pilot and three parallel half-length grooves, with an annular groove at the opposite end. Pilot eases installation. Annular groove works as a spring anchor. DIN 1469 is not interchangeable with ASME Type G.



HOW TO IDENTIFY

1. Verify three half-length parallel grooves and a pilot, with a grooved neck (G) at opposite end.
2. Measure diameter (A).
3. Measure length (L).
4. Find the part in the chart below.



PREFIX MATERIAL/FINISH

DIN 1469 identified by "-69" at end of item number.

GPM = **LOW CARBON STEEL, PLAIN***

ADDITIONAL SIZES AND FINISHES MAY BE AVAILABLE UPON REQUEST

ITEM NUMBER	(L) OVERALL LENGTH	GROOVE LENGTH
2.000 mm (A) Outside Diameter: +0.000/-0.025 mm		
(B) Expanded Diameter: 2.150 mm +0.050/-0.000 mm (C) Groove Diameter: 1.000 mm (G) Groove Width: 0.800 mm +0.125/-0.125 mm		
GPM-020-006-69	6.000 mm +0.024/-0.024 mm	2.300 mm
GPM-020-008-69	8.000 mm +0.029/-0.029 mm	3.300 mm
GPM-020-010-69	10.000 mm +0.029/-0.029 mm	4.300 mm
GPM-020-012-69	12.000 mm +0.035/-0.035 mm	5.300 mm

3.000 mm (A) Outside Diameter: +0.000/-0.025 mm		
(B) Expanded Diameter: 3.200 mm +0.050/-0.050 mm (C) Groove Diameter: 1.500 mm (G) Groove Width: 1.000 mm +0.125/-0.125 mm		
GPM-030-006-69	6.000 mm +0.024/-0.024 mm	2.000 mm
GPM-030-008-69	8.000 mm +0.029/-0.029 mm	3.000 mm
GPM-030-010-69	10.000 mm +0.029/-0.029 mm	4.000 mm
GPM-030-012-69	12.000 mm +0.035/-0.035 mm	5.000 mm
GPM-030-016-69	16.000 mm +0.035/-0.035 mm	7.000 mm
GPM-030-020-69	20.000 mm +0.042/-0.042 mm	9.000 mm
GPM-030-030-69	30.000 mm +0.042/-0.042 mm	14.000 mm

4.000 mm (A) Outside Diameter: +0.000/-0.060 mm		
(B) Expanded Diameter: 4.250 mm +0.050/-0.050 mm (C) Groove Diameter: 2.400 mm (G) Groove Width: 1.400 mm +0.125/-0.125 mm		
GPM-040-010-69	10.000 mm +0.029/-0.029 mm	3.500 mm
GPM-040-012-69	12.000 mm +0.035/-0.035 mm	4.500 mm
GPM-040-016-69	16.000 mm +0.035/-0.035 mm	6.500 mm
GPM-040-020-69	20.000 mm +0.042/-0.042 mm	8.500 mm

ITEM NUMBER	(L) OVERALL LENGTH	GROOVE LENGTH
GPM-040-030-69	30.000 mm +0.042/-0.042 mm	13.500 mm
GPM-040-040-69	40.000 mm +0.050/-0.050 mm	18.500 mm

5.000 mm (A) Outside Diameter: +0.000/-0.060 mm		
(B) Expanded Diameter: 5.250 mm +0.050/-0.050 mm (C) Groove Diameter: 2.800 mm (G) Groove Width: 1.600 mm +0.125/-0.125 mm		
GPM-050-010-69	10.000 mm +0.029/-0.029 mm	3.500 mm
GPM-050-012-69	12.000 mm +0.035/-0.035 mm	4.500 mm
GPM-050-016-69	16.000 mm +0.035/-0.035 mm	6.500 mm
GPM-050-020-69	20.000 mm +0.042/-0.042 mm	8.500 mm
GPM-050-030-69	30.000 mm +0.042/-0.042 mm	13.500 mm
GPM-050-040-69	40.000 mm +0.050/-0.050 mm	18.500 mm
GPM-050-045-69	45.000 mm +0.050/-0.050 mm	21.000 mm
GPM-050-050-69	50.000 mm +0.050/-0.050 mm	23.500 mm

6.000 mm (A) Outside Diameter: +0.000/-0.060 mm		
(B) Expanded Diameter: 6.300 mm +0.050/-0.050 mm (C) Groove Diameter: 3.800 mm (G) Groove Width: 1.600 mm +0.125/-0.125 mm		
GPM-060-016-69	16.000 mm +0.035/-0.035 mm	6.000 mm
GPM-060-020-69	20.000 mm +0.042/-0.042 mm	8.000 mm
GPM-060-030-69	30.000 mm +0.042/-0.042 mm	13.000 mm
GPM-060-040-69	40.000 mm +0.050/-0.050 mm	18.000 mm
GPM-060-045-69	45.000 mm +0.050/-0.050 mm	20.500 mm
GPM-060-050-69	50.000 mm +0.050/-0.050 mm	23.000 mm

8.000 mm (A) Outside Diameter: +0.000/-0.060 mm		
(B) Expanded Diameter: 8.300 mm +0.050/-0.050 mm (C) Groove Diameter: 5.000 mm (G) Groove Width: 2.000 mm +0.125/-0.125 mm		
GPM-080-016-69	16.000 mm +0.035/-0.035 mm	6.000 mm
GPM-080-020-69	20.000 mm +0.042/-0.042 mm	8.000 mm
GPM-080-030-69	30.000 mm +0.042/-0.042 mm	13.000 mm
GPM-080-040-69	40.000 mm +0.050/-0.050 mm	18.000 mm
GPM-080-045-69	45.000 mm +0.050/-0.050 mm	20.500 mm
GPM-080-050-69	50.000 mm +0.050/-0.050 mm	23.000 mm

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.