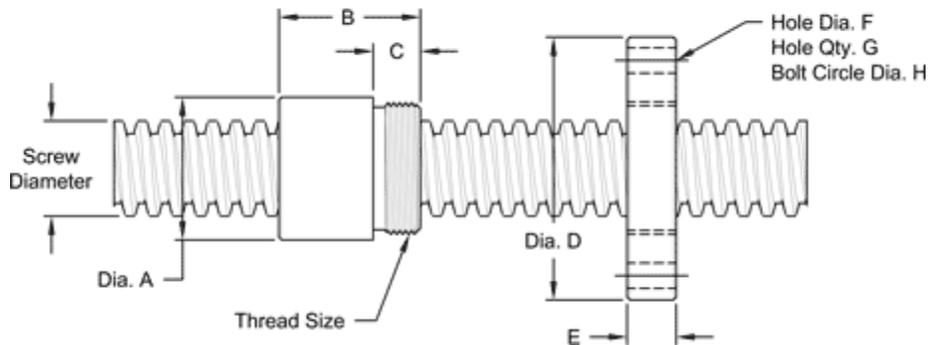


This 1" - 4 single lead acme machine screw is available in both alloy steel and stainless steel with a corresponding aluminum bronze nut. Choose from right-hand or left-hand threads.

| MACHINE SCREW SPECIFICATIONS  | RH             | LH             |
|-------------------------------|----------------|----------------|
| ALLOY STEEL SCREW NO.         | AS 100 R 025 A | AS 100 L 025 A |
| STAINLESS STEEL SCREW NO.     | AS 100 R 025 S | A S100 L 025 S |
| THREAD FORM                   |                | ACME           |
| SCREW DIAMETER - TURNS / INCH |                | 1-4            |
| PITCH / LEAD                  |                | 0.250 IN.      |
| ROOT DIAMETER                 |                | 0.699 IN.      |
| SCREW WEIGHT (LB./FT.)        |                | 2.2            |
| TORQUE TO RAISE 1 POUND       |                | 0.097 IN.-LB.  |
| MAXIMUM SCREW LENGTH          |                | 12 FEET        |

### Nut and Flange Specifications



| NUT SPECIFICATIONS            | RH             | LH                       |
|-------------------------------|----------------|--------------------------|
| NUT PART NO.                  | AN 100 R 025 B | AN 100 L 025 B           |
| NUT WITH FLANGE PART NO.      | AF 100 R 025   | AF 100 L 025             |
| DYNAMIC LOAD CAPACITY (LBS.)  |                | 5,000                    |
| STATIC LOAD CAPACITY (LBS.)   |                | 16,000                   |
| EFFICIENCY                    |                | 41.9%                    |
| MATERIAL                      |                | BRONZE                   |
| NOMINAL DIAMETER "A"          |                | 1.50 IN.                 |
| NUT LENGTH "B"                |                | 1.50 IN.                 |
| THREAD LENGTH "C"             |                | 0.50 IN.                 |
| THREAD SIZE                   |                | 1.375-16 UN              |
| FLANGE PART NUMBER            | FL-1375        |                          |
| FLANGE DIAMETER "D"           |                | 2.75 IN.                 |
| FLANGE THICKNESS "E"          |                | 0.52 IN.                 |
| FLANGE HOLE DIAMETER "F"      |                | 0.266 IN.                |
| NUMBER OF HOLES IN FLANGE "G" |                | 4                        |
| FLANGE BOLT CIRCLE "H"        |                | 2.260 IN.                |
| FLANGE MATERIAL               |                | BLACK OXIDE COATED STEEL |