**GBT, GIT & GNT PRECISION METERS**

**Model GNT NPT Fitting**

For complete part number, see "Number Reference" chart on page 5.

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**SPECIFICATIONS**

- **Design Type:** Turbine
- **Housing Material:** 316 Stainless Steel
- **Meter Sizes Available:**
  - For GNT: NPT Taper (Male)
    - 1/2" 3/4" 1" 1-1/2" 2" 3"
  - For GBT: BSPP * (Male)
    - 1/2" 3/4" 1" 1-1/2" 2" 3"
  - For GIT: ISO Taper (Male)
    - 1/2" 3/4" 1" 1-1/2" 2" 3"
  - For High Temperature*:
    - 1/2" 3/4" 1" 1-1/2" 2" —

- **Flow Range:**
  - 1/2" (051) 0.8 - 6.0 GPM (3.0 - 22 LPM)
  - 3/4" (075) 1.6 - 16 GPM (6.0 - 60 LPM)
  - 3/4" (075E) 2.3 - 23 GPM (8.7 - 87 LPM)
  - 1" (100) 6.7 - 67 GPM (25.2 - 252 LPM)
  - 1-1/2" (150) 17.7 - 177 GPM (67.0 - 670 LPM)
  - 2" (200) 33 - 330 GPM (125.0 - 1250 LPM)
  - 3" (300) 60 - 600 GPM (227.1 - 2271 LPM)

- **Accuracy (Linearity):** ± 0.5%
- **Repeatability:** ± 0.1%
- **Pressure Rating:**
  - 1/2" to 2" = 5,000 PSI / 340 BAR
  - 3" = 2,500 PSI / 170 BAR

- **Operating Temperature Range:**
  - For Tungsten Carbide: -100° F to +225° F (-74° C to +107° C)
  - For High Temperature*:
    - -450° F to +800° F (-268° C to +426° C)

- **Typical K-Factor:**
  - 1/2" (051) 10,000
  - 3/4" (075) 3,750
  - 3/4" (075E) 2,608
  - 1" (100) 896
  - 1-1/2" (150) 340
  - 2" (200) 181
  - 3" (300) 50

- **Wetted Materials:**
  - Housing: 316 Stainless Steel
  - Sleeve Bearings: Tungsten Carbide
  - Thrust Bearing: Tungsten Carbide
  - Shaft: Tungsten Carbide
  - Rotor: CD4MCu Stainless Steel
  - Rotor Supports: 316 Stainless Steel

- **Recommended Strainer Size:**
  - 1/2" 40 mesh
  - 3/4" 40 mesh
  - 1" 40 mesh
  - 1-1/2" 18 mesh
  - 2" 14 mesh
  - 3" 14 mesh

- **Frequency Output:**
  - 1/2" (051) 125 - 1000 Hz
  - 3/4" (075) 100 - 1000 Hz
  - 3/4" (075E) 100 - 1000 Hz
  - 1" (100) 100 - 1000 Hz
  - 1-1/2" (150) 100 - 1000 Hz
  - 2" (200) 100 - 1000 Hz
  - 3" (300) 50 - 500 Hz

- **For complete part number, see “Number Reference” chart on page 5.**

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**ACCURACY:** ± 0.5%

**Select Your Meter Size:**

- 1/2 inch
- 3/4 inch
- 1 inch
- 1-1/2 inch
- 2 inch
- 3 inch

**For Your Special Application Needs:**

- **Model GNT HT**
  - For High Temperatures
  - (This model is not available in 3 inch)

**Sensor Options:**
- Low Drag Pickup (1/2 in. turbines)
- Standard Pickup (3/4 to 3 in. turbines)

**Electronics Options:**
- GS510 (Display with Pulse Output)
- GX510 (Display with 4-20 mA Output)
- GA510 (4-20 mA Output)
- SC510 (Scaled Pulse Output)

*Requires High Temp Pickup.

*ISO 228-1 designation is G.