

ASHCROFT®



## Dial Industrial Pressure Gauges with All-Stainless Steel Wetted Parts

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 20,000 psi at Grainger.com
- Stainless steel housing

Thread-mounted gauges have a bottom or back connection. Measure low and high positive pressures and are available in vacuum and compound ranges. Stainless steel wetted parts resist rust and corrosion. Commonly used for higher temperature process media when temperatures exceed 140°F (60°C).

**Vibration-resistant gauges** are available with liquid-filled cases or proprietary dry-case resistance technology for applications exposed to pulsation, spikes, and vibration.

**Pic gauges** have laminated safety glass lenses.

**Ashcroft and Winters gauges** have polycarbonate lenses.

Nominal Dial Size	Accuracy	Vibration Resistance	Brand	Item No.
<b>Standard</b>				
<b>¼ in NPT Male - Bottom</b>				
2½ in	±1.0%	None	Ashcroft	K4203
3½ in	±1.0%	None	Ashcroft	K4204
4 in	±1.0%	Field-Fillable	Pic Gauges	H8415
6 in	±1.0%	Field-Fillable	Pic Gauges	H8414
6 in	±1.0%	Field-Fillable	Winters	K4525
<b>½ in NPT Male - Bottom</b>				
4 in	±1.0%	Field-Fillable	Pic Gauges	H8410
6 in	±1.0%	Field-Fillable	Pic Gauges	H8409
<b>With Vibration Resistance</b>				
<b>¼ in NPT Male - Bottom</b>				
2½ in	±1.0%	Dry Case Vibration-Dampened	Ashcroft	D1019
3½ in	±1.5%	Liquid-Filled	Ashcroft	K4201
4 in	±1.0%	Dry Case Vibration-Dampened	Ashcroft	D1022
6 in	±1.5%	Liquid-Filled	Ashcroft	K4200
6 in	±1.0%	Dry Case Vibration-Dampened	Ashcroft	K4202
<b>½ in NPT Male - Lower Back</b>				
2½ in	±1.0%	Dry Case Vibration-Dampened	Ashcroft	D1021
<b>½ in NPT Male - Bottom</b>				
4 in	±2-1-2%	Liquid-Filled	Pic Gauges	H8407



H8410

PIC GAUGES

SPAN®

ASHCROFT®

## Dial Industrial Pressure Gauges with Non-Ferrous Process Connections

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 15,000 psi at Grainger.com (bar units also available)



19RZ18

Thread-mounted gauges have a bottom or back connection. Use when all stainless steel construction is not needed. Operate at temperatures up to 150°F and higher.

**Vibration-resistant gauges** have liquid-filled cases for applications exposed to pulsation, spikes, and vibration.

**Span gauges** have acrylic lenses.

**Ashcroft and Pic gauges** have polycarbonate lenses.

Accuracy	Gauge Wetted Parts	Case Material	Vibration Resistance	Brand	Item No.
<b>¼ in NPT Male - Bottom</b>					
±2-1-2%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	19RZ18
±1.0%	Brass / Bronze	Zytel Nylon	Liquid-Filled	Span	D7962 *
±1.0%	Brass / Bronze	Zytel Nylon	Liquid-Filled	Span	D7964
±1.0%	Stainless Steel / Bronze	304 Stainless Steel	None	Ashcroft	K4670
<b>3½ in Dial Size</b>					
±1.0%	Stainless Steel / Bronze	304 Stainless Steel	None	Ashcroft	K4671
<b>4 in Dial Size</b>					
±1.0%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	H8400
<b>¼ in NPT Male - Center Back</b>					
±2-1-2%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	19RZ22
<b>4 in Dial Size</b>					
±1.0%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	19RZ23
<b>½ in NPT Male - Bottom</b>					
±1.0%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	H8404
±1.0%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	H8403
±1.0%	Copper	Stainless Steel	Liquid-Filled	Pic Gauges	20TV64

\* Includes NIST Calibration Certificate.

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## High-Accuracy Dial Process Pressure Gauges

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 10,000 psi at Grainger.com
- 4½" nominal dial size
- Glass lenses

High-accuracy movement for use in demanding chemical and petroleum process applications. Operate at temperatures up to 150°F and higher. Thread-mounted with a bottom connection. **Stainless steel wetted parts** resist corrosion, rust, and many processed chemicals.

**Gauges with adjustable red max. hand** allow setting a maximum set point against which the main pointer can be visually gauged.



K4222

Accuracy	Vibration Resistance	Case Material	Brand	Item No.
<b>Stainless Steel Wetted Parts</b>				
<b>¼ in NPT Male - Bottom</b>				
±0.5%	None	Stainless Steel	Duro	K4221
<b>½ in NPT Male - Bottom</b>				
±0.5%	None	Stainless Steel	Duro	D7959
±0.5%	None	PBT	Ashcroft	K4222
±0.5%	Dry Case Vibration-Dampened	Phenolic	Ashcroft	K4218
±0.5%	Liquid-Filled	Epoxy-Coated Aluminum	Ashcroft	K4219
<b>Stainless Steel Wetted Parts with Red Max Hand</b>				
<b>¼ in NPT Male - Bottom</b>				
±0.5%	None	Stainless Steel	Duro	K4217
<b>Brass/Bronze Wetted Parts</b>				
<b>½ in NPT Male - Bottom</b>				
±0.5%	None	Phenolic	Ashcroft	K4220
±0.5%	Liquid-Filled	Epoxy-Coated Aluminum	Ashcroft	K4216

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D/U

## Industrial & Process Panel-Mount Pressure Gauges

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 1000 psi at Grainger.com

Gauges feature a front- or back-flange panel mounting ring. Threaded connection attaches to the process, pipe, or tank. Process connection and connection location must be compatible with the type of application as well as the size of the panel cutout required. **K4534** has adjustable red max. pointer that allows setting a maximum set point against which the main pointer can be visually gauged.

**Back-flange gauges** securely mount flush with a wall, panel, or other surface.

**Front-flange gauges** have the flange positioned near or as part of the bezel and can be secured flush to the panel without protruding from it.

**Duro gauges** have glass lenses.

**Winters gauges** have polycarbonate lenses.

Back-Flange  
K4532Front-Flange  
K4537

Nominal Dial Size	Accuracy	Case Material	Brand	Item No.
<b>Back-Flange Panel-Mount with Brass/Bronze Wetted Parts</b>				
<b>¼ in NPT Male - Bottom</b>				
4½ in	±0.5%	Aluminum	—	K4532
<b>Back-Flange Panel-Mount with Stainless Steel Wetted Parts</b>				
4½ in	±0.5%	Stainless Steel	—	K4533
4½ in	±1.0%	Stainless Steel	Winters	K4534
4½ in	±1.0%	Stainless Steel	Winters	K4535
6 in	±0.5%	Stainless Steel	Duro	K4536
6 in	±0.5%	Aluminum	Duro	K4537
6 in	±1.0%	Stainless Steel	Winters	K4538
<b>½ in NPT Male - Bottom</b>				
6 in	±0.5%	Aluminum	Duro	442Y27
<b>Front-Flange Panel-Mount with Brass/Bronze Wetted Parts</b>				
<b>¼ in NPT Male - Center Back</b>				
2 in	±2.5%	Stainless Steel	Winters	K4539
<b>¼ in NPT Male - Center Back</b>				
2 in	±2.5%	Stainless Steel	Winters	K4540
2½ in	±1.5%	Stainless Steel	Winters	K4541