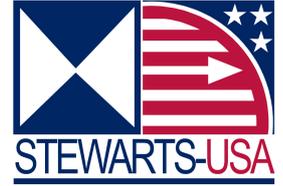


# Utility Gauges

2.5" Model-21S 1/4"NPT

4" Models-42S 1/4"NPT & 43S 1/2"NPT



## AISI 316 STAINLESS STEEL CASE FILLABLE 1/4 / 1/2 inch NPT

AISI 316 Crimped on Bezel  
Blow-Out Relief.  
Polycarbonate Window.  
White Aluminium Dial. (Black Printing)  
Black Aluminium Pointer.  
Stainless Steel Movement.  
AISI 316 Stainless Steel Wetted Parts.  
Pulsation Restrictor.

### ACCURACY

ASME B40.1 Grade A 2-1-2%.

### RANGE

As Detailed Below.

### MOUNTING TYPES

Standard Direct Mounted (Bottom Vertical).

CB: Center Back Connection.  
LB: Lower Back Connection.  
FP: Front Flange for Panel Mounting.  
C: C-Clamp Fixing for Panel Mounting.  
R: Rear Flange for Wall Mounting.



Model: 42S-6K  
To order other models  
by part no, See Below.

### RANGE SELECTION

| Range Code | Range (psi) | Range Code | Range (psi) |
|------------|-------------|------------|-------------|
| V30        | VAC 0-30    | 160        | 0-160       |
| R315       | REC 3-15    | 200        | 0-200       |
| C15        | COMP 30+15  | 300        | 0-300       |
| C30        | COMP 30+30  | 400        | 0-400       |
| C60        | COMP 30+60  | 600        | 0-600       |
| C100       | COMP 30+100 | 800        | 0-800       |
| C160       | COMP 30+160 | 1K         | 0-1,000     |
| C200       | COMP 30+200 | 1500       | 0-1,500     |
| C300       | COMP 30+300 | 2K         | 0-2,000     |
| 15         | 0-15        | 3K         | 0-3,000     |
| 30         | 0-30        | 5K         | 0-5,000     |
| 60         | 0-60        | 6K         | 0-6,000     |
| 100        | 0-100       | 10K        | 0-10,000    |

Additional Code Suffix for dual scale ranges (B = BAR/PSI) (K = KPA/PSI) (Kg Cm<sup>2</sup>) (KgCm<sup>2</sup> = KgCm<sup>2</sup> / PSI)

### HOW TO ORDER BY PART NO.

- 1 Model No.
- 2 Choose Pressure Range (code).
- 3 Choose Mounting Type.
- 4 If special requirements are needed add description.

### FOR EXAMPLE (AS SHOWN) 42S-6K-CB

4inch Utility Gauge 1/4inch NPT.  
0-6,000 psi.  
Center Back Connection.  
No Non Standard Requirements.

| Model | Dial Range Code | Mounting Type | Filling Type | Non Standard Requirements |
|-------|-----------------|---------------|--------------|---------------------------|
| 42S   | 6K              | CB            | None         | None                      |

We manufacture a wide range of instruments to customer's special requirements  
We shall be pleased to discuss and advise on your specifications.

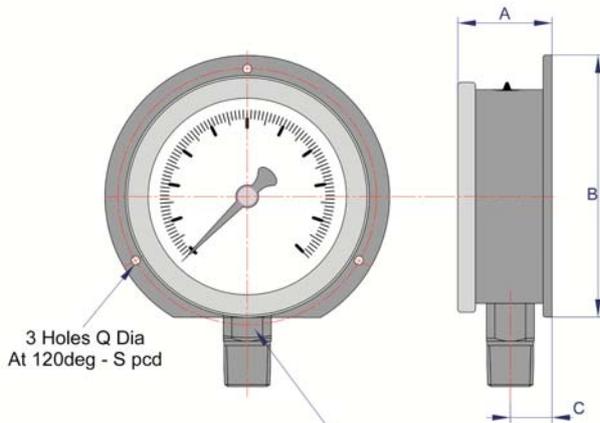
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.  
Engineering modifications may take place without prior notice.

# Utility Gauges

2.5" Model-21S 1/4"NPT

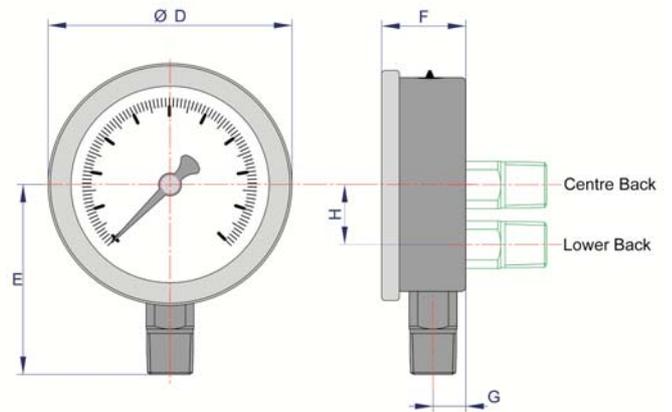
4" Models-42S 1/4"NPT & 43S 1/2"NPT

Rear Flange Wall Mounting

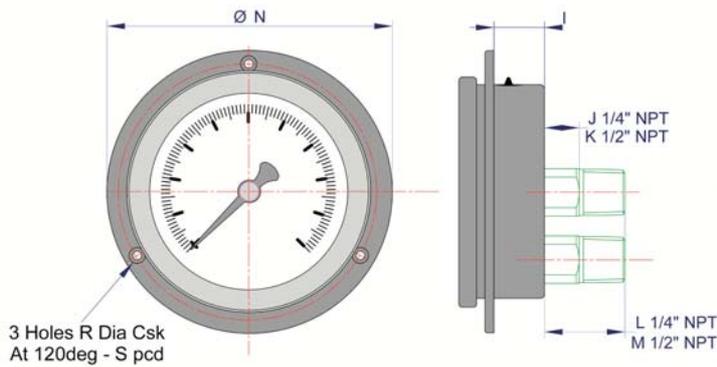


Socket 14mm sq A/F 1/4" NPT  
Socket 22mm sq A/F 1/2" NPT

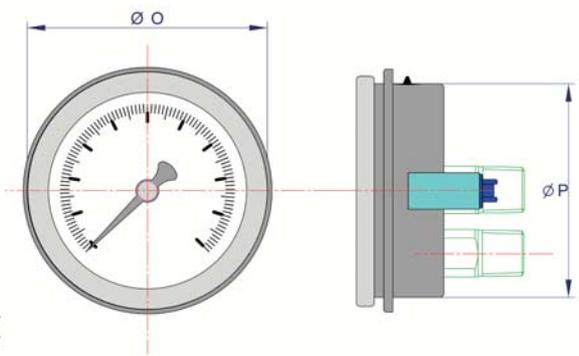
Direct Mounting (Standard)



Front Flange Panel Mounting



Clamp Fixing Panel Mounting



|               | A | B | C | D            | E            | F            | G            | H          | I            | J | K | L | M | N             | O           | P            | Q           | R           | S           | Cut Out     |
|---------------|---|---|---|--------------|--------------|--------------|--------------|------------|--------------|---|---|---|---|---------------|-------------|--------------|-------------|-------------|-------------|-------------|
| 63mm<br>2.5in |   |   |   | 67.3<br>2.65 | 56<br>2.20   | 30.5<br>1.20 | 10.6<br>0.42 | 18<br>0.71 | 19.5<br>0.77 |   |   |   |   | 85.2<br>3.35  | 67<br>2.64  | 62<br>2.44   | 3.8<br>0.15 | 3.8<br>0.15 | 75<br>2.95  | 66<br>2.60  |
| 100mm<br>4in  |   |   |   | 109<br>4.29  | 78.5<br>2.97 | 33.5<br>1.32 | 0.82<br>12.2 | 18<br>0.71 | 20.8<br>0.82 |   |   |   |   | 132.5<br>5.21 | 110<br>4.33 | 98.8<br>3.89 | 6<br>0.24   | 6<br>0.24   | 118<br>4.65 | 106<br>4.17 |

Warning : Before use please consult our recommendation regarding selection and installation.  
Copies available on request.

**STEWARTS - USA**  
6786 Tipperary  
HOUSTON, TX 77061 USA  
Phone. 713-643-1022  
Fax. 713-643-2855  
Toll Free. 1-800-901-1316  
Web. [stewartsusa.com](http://stewartsusa.com)