# Tapered Flanged Well Assemblies

**To order:** To specify a complete assembly, indicate the code letter or value for each requirement. To order a well only, fill in only the boxes in brackets. Add a nipple or nipple-union-nipple to a well by including the extension code and “A” length in addition to the well codes.

<table>
<thead>
<tr>
<th>Head Type</th>
<th>Extension</th>
<th>A Length</th>
<th>Well Type</th>
<th>U Length</th>
<th>Well Material</th>
<th>T Length</th>
<th>Sensor Type</th>
<th>Flange</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>FT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**HEAD TYPE**
- O No Head
- CA Cast Aluminum
- CI Cast Iron
- CSS Cast Stainless Steel
- PPS Polypropylene Sanitary
- FTA Flip Top Aluminum
- FTP Flip Top Poly (white)

**EXTENSION**
- N Nipple Galvanized
- NUN Nipple/Union/Nipple Galvanized
- NS Nipple Stainless Steel
- NUNS Nipple/Union/Nipple Stainless Steel
- HUNS Hex Nipple/Union/Nipple Stainless Steel
- PNUN Pressure Seal in Union Galvanized
- PNUNS Pressure Seal in Union Stainless Steel

**SENSOR TYPE**
- Sensor Calibration
  - J Iron Constantan®
  - K Chromel® Alumel®
  - T Copper Constantan®
  - E Chromel® Constantan®
  - N Nicrosil® Nisil®
  - PO Low Temp RTD to 500° F
  - PH High Temp RTD to 900° F
  - PM Heavy Duty RTD to 900° F
- Standard RTD is a three-wire 100 ohm Platinum / .00385 Alpha. For higher temperature ranges - consult factory. For special limits on thermocouples, repeat calibration code, i.e. JJ.

**SENSOR OD**
- 316 3/16”
- 1 1/4”
- 516 5/16”
- 38 3/8”

**Sensor Junction**
- G Grounded
- U Ungrounded
- E Exposed
- DG Dual Grounded
- DU Dual Ungrounded
- DE Dual Exposed
- S Single RTD
- D Dual RTD

**Sensor Sheath Materials**
- P 304SS
- R 316SS
- Q 310SS
- A Alloy 600
- Standard Sheath Material is 316SS.

**Thermowell - Type FT**
- Well Materials – For other materials, see page B-6.
  - A Alloy 600
  - AA Alloy 20
  - B Hastelloy® B
  - C Hastelloy® C
  - D 321SS
  - F 347SS
  - H 446SS
  - I Alloy 800
  - LP Low Carbon 304SS
  - LR Low Carbon 316SS

**Flange Size**
- 1”
- 1 1/2”
- 2”
- 3”
- 4”

**Flange Rating**
- 150
- 200
- 300
- 400

**Flange Type**
- RF Raised Face
- FF Flat Face
- RTJ Ring Type Joint

**OPTIONS**
- **Sensor Options**
  - GA Class A
  - FW Four Wire RTD
  - HV High Vibration RTD (PM only)
  - CR Cryogenic RTD (PM only)
  - CT Compensated Terminals (EHA/EHI head only)
- **Thermowell Options**
  - FP Full Penetration Weld
  - HTE Hydrostatic Pressure Test External
  - HTI Hydrostatic Pressure Test Internal
  - NC NACE Certification for Well
  - OC Oxygen Cleaned
  - ST Stellite® Coating
  - TF Teflon® Coating
- **Transmitter/Indicator Options**
  - LCP Programmable, RTD, FM
  - PT Programmable FM
  - HC Hart® Compatible
  - LPI Loop Temperature Indicator

**Options**
- * Epoxy Seal - Max. Temp. 300°F

**Notes**
- Major OD is 7/8” for flange sizes 1” and smaller.

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A-13