Tapered Threaded 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>Calibration</th>
<th>OD</th>
<th>Junction</th>
<th>Sheath</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Head</td>
<td>EPA</td>
<td>Explosion Proof Aluminum</td>
<td></td>
<td></td>
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<tr>
<td>CA</td>
<td>Cast Aluminum</td>
<td>EPAA</td>
<td>Explosion Proof Aluminum</td>
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<tr>
<td>CI</td>
<td>Cast Iron</td>
<td>Atex</td>
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<tr>
<td>CSS</td>
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<td>EPS</td>
<td>Explosion Proof Stainless</td>
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<td></td>
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<tr>
<td>PPS</td>
<td>Polypropylene Sanitary Steel</td>
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<tr>
<td>FTA</td>
<td>Flip top Aluminum</td>
<td>EHA</td>
<td>Explosion Proof Aluminum</td>
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<tr>
<td>FTP</td>
<td>Flip top Poly (white)</td>
<td>EHI</td>
<td>Explosion Proof Iron</td>
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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

See page A-7 for additional information.

THERMOWELL

Well Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Process NPT</th>
<th>OD1</th>
<th>OD2</th>
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<tbody>
<tr>
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<td>1/2”</td>
<td>.680</td>
<td>5/8”</td>
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<td>ST0</td>
<td>3/4”</td>
<td>7/8”</td>
<td>5/8”</td>
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<td>ST1</td>
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<td>1.1/16”</td>
<td>5/8”</td>
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<tr>
<td>ST2</td>
<td>1 1/4”</td>
<td>1 1/8”</td>
<td>3/4”</td>
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<tr>
<td>ST3</td>
<td>1 1/2”</td>
<td>1 1/8”</td>
<td>3/4”</td>
</tr>
</tbody>
</table>

Well Materials – For other materials, see page B-6.

A  Alloy 600  LP  Low Carbon 304SS  T  Teflon®
AA  Alloy 20  LR  Low Carbon 316SS  V  Alloy 825
B  Hastelloy® B  M  Monel® 400  W  Alloy 601
C  Hastelloy® C  N  Nickel  Y  Brass
D  321SS   P  304SS
F  347SS   Q  310SS
H  446SS   R  316SS
I  Alloy 800  S  Carbon Steel

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

HTE  Hydrostatic Pressure Test
HTI  Hydrostatic Pressure Test
NC  NACE Certification for Well
OC  Oxygen Cleaned
ST  Stellite® Coating
TC  Tungsten Carbide
TF  Teflon® Coating
VC  Velocity Calculations
WB  .385 Bore
BC  Brass Plug and Chain
SC  SS Plug and Chain

If other than .385 Bore is required, specify bore size.

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”
14  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.

* Epoxy Seal - Max. Temp. 300°F

OPT/Transmitter/Indicator Options

LCP  Programmable, RTD, FM
PT  Programmable FM
HC  Hart® Compatible
Provide Range and Temp F/C
See pages A-33 – A34 for additional transmitter information.

LPI  Loop Temperature Indicator
See pages A-33 – A-34 for transmitter and other options.

BPI  Battery Powered Indicator