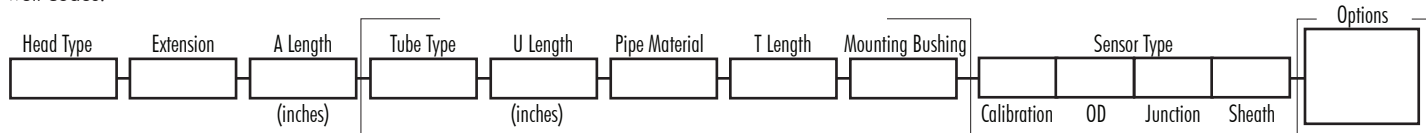


# Threaded Pipe Well Assemblies

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



## HEAD TYPE

0	No Head	FTP	Flip Top Poly (white)
CA	Cast Aluminum	EPA	Explosion Proof Aluminum
CI	Cast Iron	EPAA	Explosion Proof Aluminum Atex
CSS	Cast Stainless Steel	EPS	Explosion Proof Stainless Steel
PPS	Polypropylene Sanitary	EHA	Explosion Proof Aluminum
FTA	Flip Top Aluminum	EHI	Explosion Proof Iron

## EXTENSION

0	None
NU	Nipple/Union Galvanized
NUS	Nipple/Union Stainless Steel

See page A-7 for additional information.

## PIPE WELL\*

Type	Pipe Size	OD	ID				Std. Mounting Bushing*
			SCH40	SCH80	SCH 160	XXH	
SPW	1/2" NPT	.840	.622	.546	.466	.252	3/4, 1, 1-1/4, 1-1/2
SPWO	3/4" NPT	1.050	.824	.742	.614	.434	1, 1-1/4, 1-1/2, 2
SPW1	1" NPT	1.315	1.049	.957	.815	.599	1-1/4, 1-1/2, 2, 2-1/2
SPW2	1 1/4 NPT	1.660	1.380	1.278	1.160	.896	2, 2-1/2

\* Note: Bushing will be 304SS unless otherwise noted. Schedule 40 is standard. See options for other schedules.

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

A	Alloy 600	M	Monel® 400
AA	Alloy 20	N	Nickel
B	Hastelloy® B	P	304SS
C	Hastelloy® C	Q	310SS
D	321SS	R	316SS
F	347SS	S	Carbon Steel
H	446SS	V	Alloy 825
I	Alloy 800	W	Alloy 601
LP	Low Carbon 304SS	GG	Haynes HR160
LR	Low Carbon 316SS		

## 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"
14	1/4"
516	5/16"
38	3/8"

### Sensor Junction

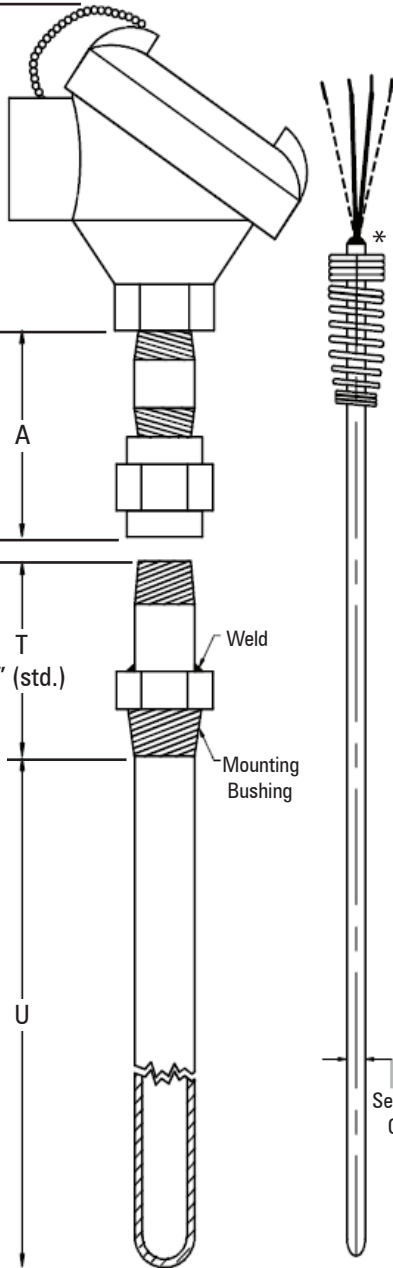
G	Grounded
U	Ungrounded
E	Exposed
DG	Dual Grounded
DU	Dual Ungrounded
DE	Dual Exposed
S	Single RTD
D	Dual RTD

### Sensor Sheath Materials

P	304SS
R	316SS
Q	310SS
A	Alloy 600

Standard Sheath Material is 316SS.

\* Epoxy Seal - Max. Temp. 300°F



## 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	ST	Stellite® Coating
HTE	Hydrostatic Pressure Test External	TF	Teflon® Coating
HTI	Hydrostatic Pressure Test Internal	SH	Schedule 80
NC	NACE Certification for Well	SX	Schedule 160
OC	Oxygen Cleaned	SXX	Double Extra Heavy
TC	Tungsten Carbide		

### Transmitter/Indicator Options

LCP	Programmable, RTD, FM
PT	Programmable FM
HC	Hart® Compatible
	Provide Range and Temp F/C
	See pages A-33 – A-34 for additional transmitter information.
LPI	Loop Temperature Indicator
	See pages A-33 – A-34 for transmitter and other options.
BPI	Battery Powered Indicator