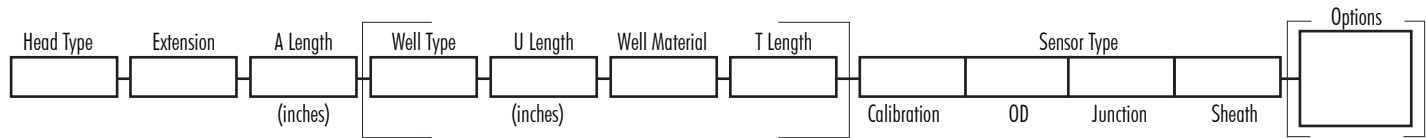


# Step Down Socket Well Assemblies



**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.



## 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

## 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

18	1/8"
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

## 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

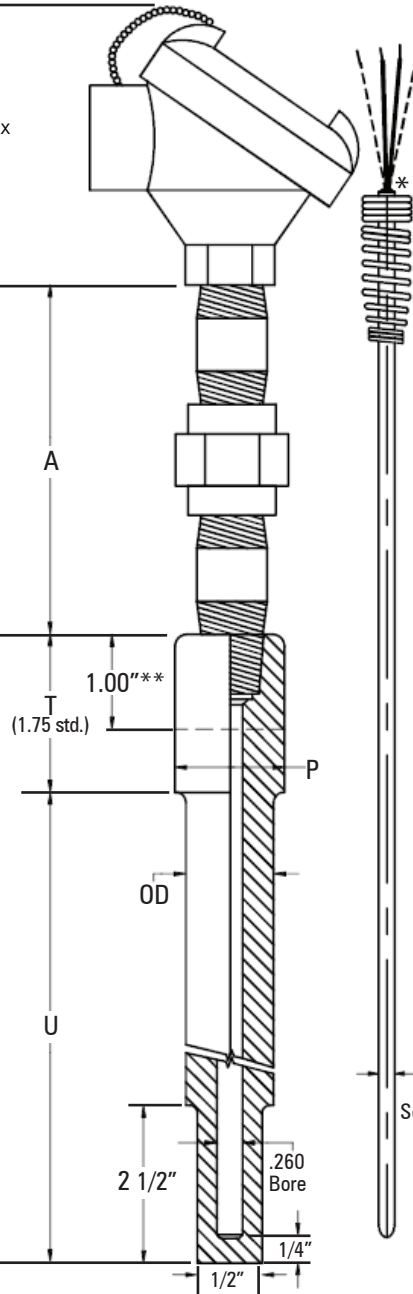
Type	Pipe Size Nominal	Actual Diameter (P)	OD
SWR**	1/2"	0.840	0.680
SWRO	3/4"	1.050	0.75
SWR1	1"	1.315	0.875

Note: To fit 3,000 lbs coupling.

\*\* Instrument connection equals 1.062" O.D.

## 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	T	Teflon®
I	Alloy 800	V	Alloy 825
LP	Low Carbon 304SS	W	Alloy 601
LR	Low Carbon 316SS	Y	Brass



## 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 External
HTI	Hydrostatic Pressure Test Internal
NC	NACE Certification for Well
OC	Oxygen Cleaned
ST	Stellite® Coating
TF	Teflon® Coating
TC	Tungsten Carbide

VC	Velocity Calculations
BC	Brass Plug and Chain
SC	SS Plug and Chain
RB	.130 Bore
WB	.385 Bore

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

### Transmitter/Indicator Options

LCP	Programmable, RTD, FM
PT	Programmable FM
HC	Hart® Compatible
Provide Range and Temp F/C	
<i>See pages A-33 – A34 for additional transmitter information.</i>	
LPI	Loop Temperature Indicator
<i>See pages A-33 – A-34 for transmitter and other options.</i>	
BPI	Battery Powered Indicator