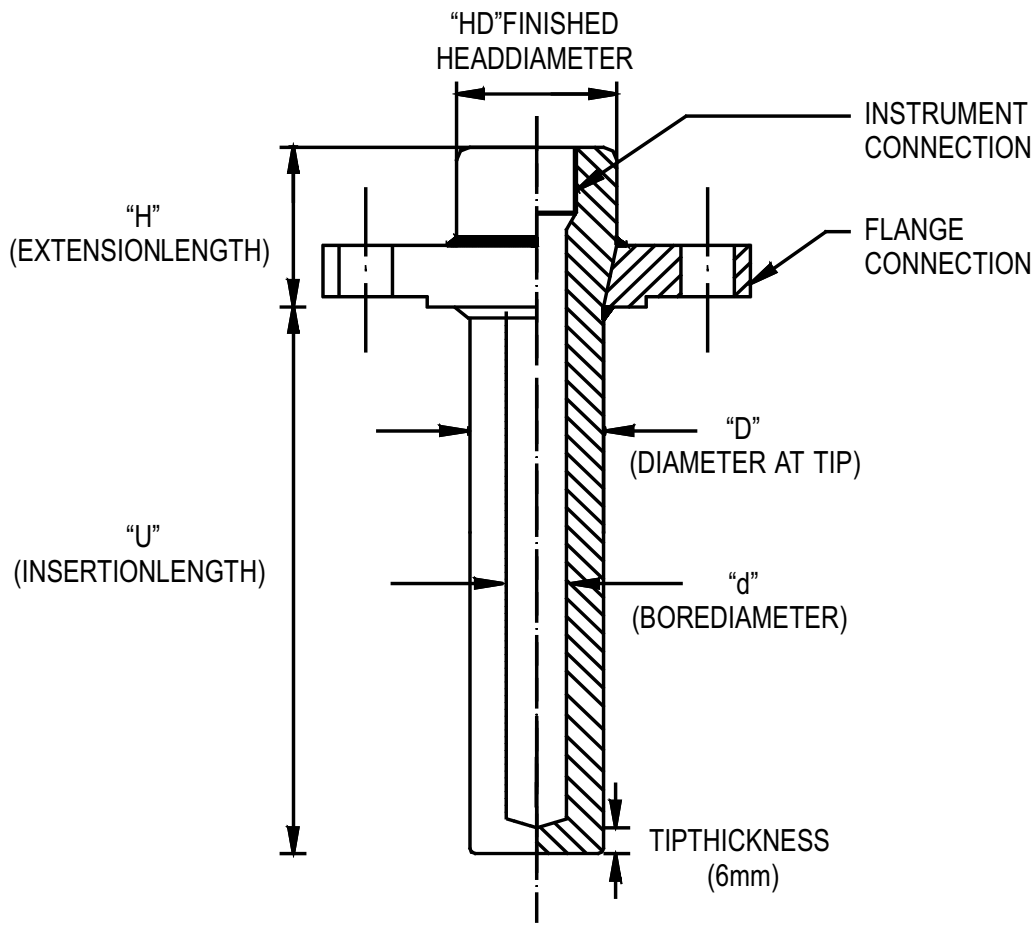


## SPECIAL FEATURES

Fabricated From Bar Stock  
 Stand For Manufacturing  
 Followed-PTC 19.3  
 Thermowell Available In Exotic Materials  
 Such As Hastelloy-C, Tantalum , Monel  
 Titanium, Inconel 600 Etc  
 Thermowells are used as an Accessory  
 with Temperature Instruments, Sensors to  
 protect its basic sensing element from  
 Corrosive and Mechanical Damage due to  
 process parameters.



## HOW TO ORDER

### BASIC MODEL

### MATERIAL

<b>TN</b> CARBON STEEL	<b>TM</b> AISI 316 SS	<b>GR</b> AISI 446 SS	<b>GQ</b> INCONEL 600
<b>TK</b> AISI 304 SS	<b>TZ</b> INCOLY 800HT	<b>TX</b> MONEL 400	<b>TT</b> HASTEALLOY 'C'
<b>UH</b> TITANIUM	<b>UD</b> TANTALUM	<b>TY</b> ALLOY 20	

### INSTRUMENT CONNECTION

<b>VP</b> 3/8" BSP (F)	<b>VL</b> 1/2" BSP (F)	<b>GE</b> 1" BSP (F)	<b>4MF</b> M20 X 1.5 (F)	<b>VN</b> 1/4" BSP (F)
<b>VQ</b> 3/8" NPT (F)	<b>VM</b> 1/2" NPT (F)	<b>GF</b> 1" NPT (F)	<b>4JF</b> 1/2" PF (F)	<b>IV</b> 1/4" PT (F)
<b>GC</b> 3/4" BSP (F)	<b>GD</b> 3/4" NPT (F)	<b>4QF</b> 1/2" PT (F)	<b>VO</b> 1/4" NPT (F)	<b>IW</b> 1/4" PF (F)

### FLANGE CONNECTION

SEE FLANGE TABLE-REFER PAGENO. 09 & 10

### BORE DIAMETER "d"

**d** INDICATE BORE DIAMETER IN mm  
e.g: FOR 6.5 mm-d 6.5

### OUTER DIAMETER "D"

**D** INDICATE BORE DIAMETER IN mm  
e.g: FOR 22 mm-D 22

### THERMOWELL INSERTION LENGTH "U"

**U** INDICATE INSERTION LENGTH IN mm AS-UXXX  
e.g: FOR 300 mm-U 300

### LAGGING/ EXTENSION LENGTH "H"

**H** INDICATE INSERTION LENGTH IN mm AS-UXXX  
e.g: FOR 50 mm-H 50

### FINISHED HEAD DIAMETER "HD"

**HD** INDICATE HEX DIAMETER IN mm  
e.g: FOR 28 mm-HD 28

**HR** INDICATE ROUND DIAMETER IN mm  
e.g: FOR 28 mm-HR 28

**NOTE TIP THICKNESS (6mm)**

### OPTIONS

**GG** PLUG AND CHAIN OF SS      **GH** MATERIAL TEST CERTIFICATES\*

### COATING/ LINING ON THERMOWELL

**GI** TEFLON COATING      **GK** RUBBER LINING      **GM** HASTEALLOY C OVERLAY

**GJ** TUNGSTEN CARBIDE COATING      **GL** GLASS LINING      **GN** TITANIUM OVERLAY

### TESTS & CERTIFICATES

**SY** BORE CONCENTRICITY TEST      **TA** DRY PENETRATION TEST FOR WELD JOINTS      **PV** IBR CERTIFICATION

**GO** HYDRO TEST AT 100 kg/cm2 (FROM INSIDE AND OUTSIDE)      **TG** CRACK DETECTION ULTRA SONIC TEST      **TE** RADIOGRAPHY TEST FOR THERMOWELLS

**GP** WAKE FREQUENCY CALCULATION AS PER PTC 19.3

**Ordering Example: EI-1-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX**