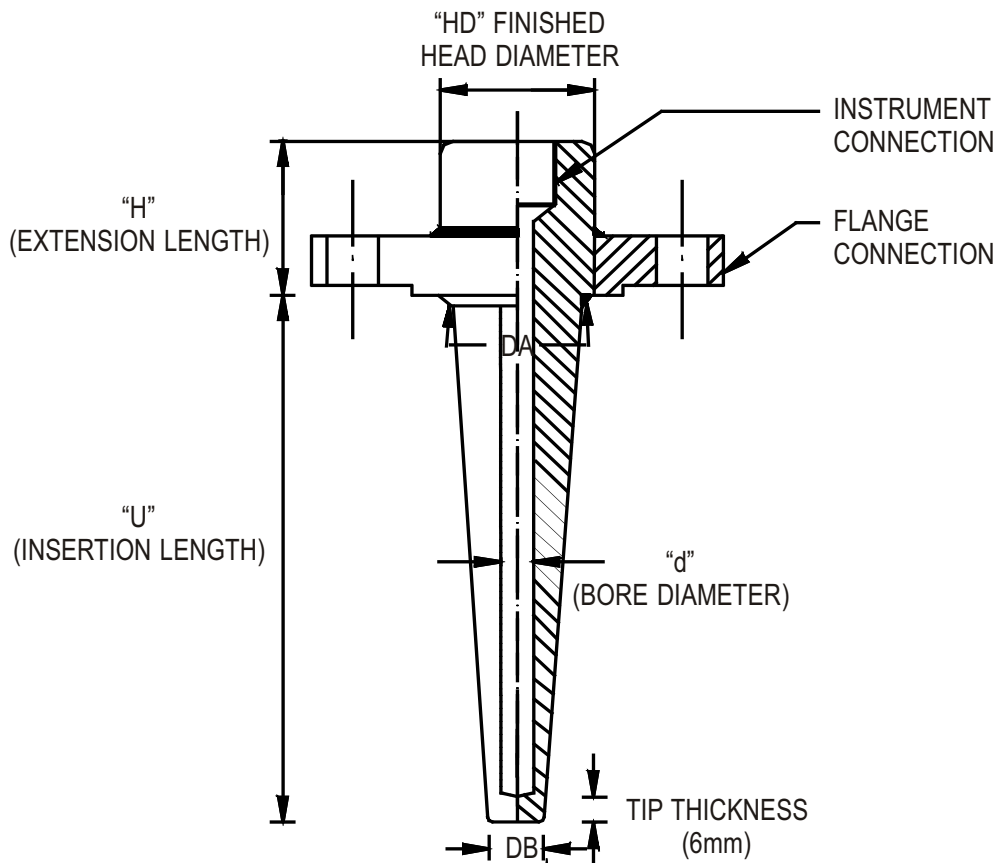


**SPECIAL FEATURES**

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

EI 3

### 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	<b>TL</b> AISI 316L

XX

### 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)

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### FLANGE CONNECTION

SEE FLANGE TABLE-REFER PAGENO. 09 & 10

XX

### BORE DIAMETER "d"

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

XX

### TAPER STARTING AT

**0** JUST BELOW FLANGE  
- DISTANCE BELOW FLANGE [PLEASE MENTION IN mm]

XX

### OUTSIDE MAJOR DIAMETER "DA"

**DA** e.g FOR MAJOR DIAMETER OF 20mm ,PLEASE MENTION DA20

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### OUTSIDE MINOR DIAMETER "DB"

**DA** e.g FOR MINOR DIAMETER OF 15mm ,PLEASE MENTION DA20

XX

### THERMOWELL INSERTION LENGTH "U"

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

XX

### LAGGING/ EXTENSION LENGTH "H"

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

XX

### 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

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### NOTE TIP THICKNESS (6mm)

### OPTIONS

**GG** PLUG AND CHAIN OF SS    **GH** MATERIAL TEST CERTIFICATES\*    **IX** SPANNER FLAT FOR ROUND HEAD

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### COATING/ LINING ON THERMOWELL

<b>GI</b> TEFLON COATING	<b>GK</b> RUBBER LINING	<b>GM</b> HASTEALLOY C OVERLAY
<b>GJ</b> TUNGSTEN CARBIDE COATING FOR OTHER EXOTIC MATERIALS CONTACT FACTORY	<b>GL</b> GLASS LINING	<b>GN</b> TITANIUM OVERLAY

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### TESTS & CERTIFICATES

<b>SY</b> BORE CONCENTRICITY TEST	<b>TA</b> DRY PENETRATION TEST FOR WELD JOINTS	<b>PV</b> IBR CERTIFICATION
<b>GO</b> HYDRO TEST AT 100 kg/cm2 (FROM INSIDE AND OUTSIDE)	<b>TG</b> CRACK DETECTION ULTRA SONIC TEST	<b>TE</b> RADIOGRAPHY TEST FOR THERMOWELLS
<b>GP</b> WAKE FREQUENCY CALCULATION AS PER PTC 19.3		<b>TF</b> NACE

XX

**Ordering Example: EI-3-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX-XX**