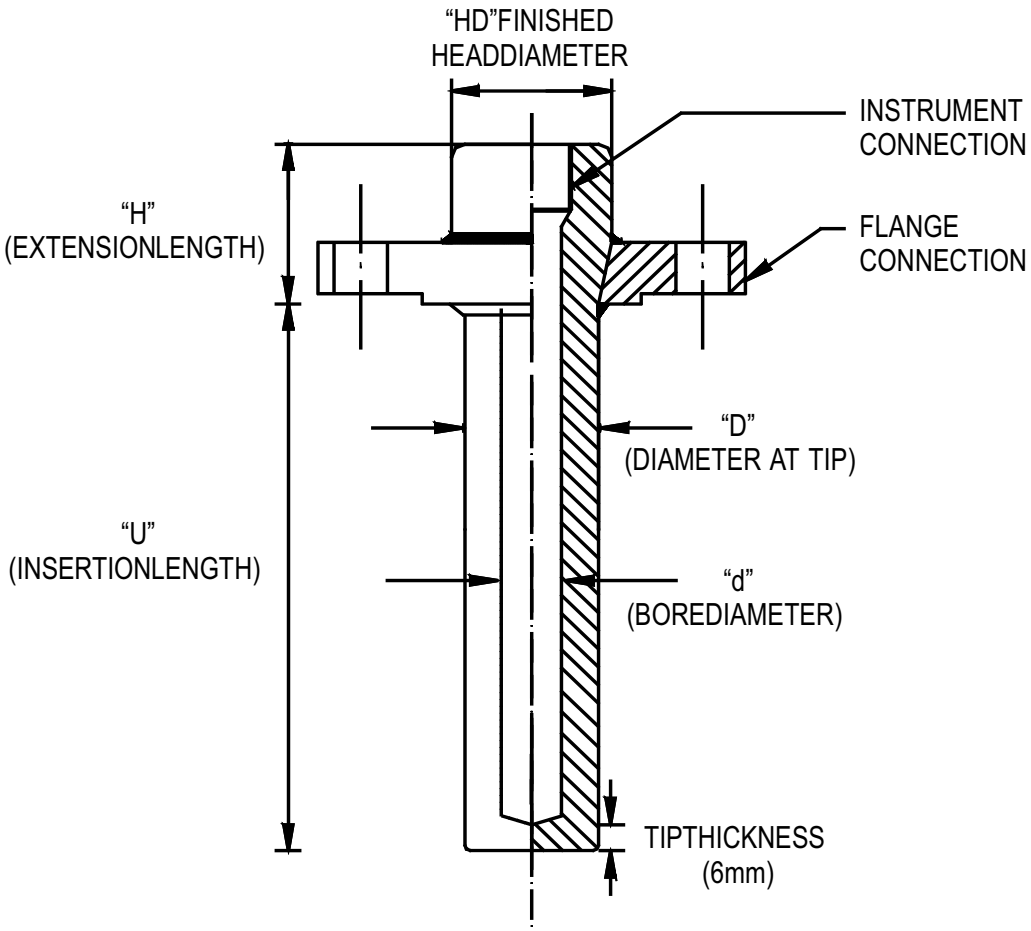
THERMOWELLS FLANGED STRAIGHT TYPE

EI 1

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.



Example

HOW TO ORDER

BASIC MODEL

EI 1

MATERIAL

XX

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

INSTRUMENT CONNECTION

XX

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

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

OUTER DIAMETER "D"

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

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

NOTE TIP THICKNESS (6mm)

XX

OPTIONS

GG PLUG AND CHAIN OF SS

GH MATERIAL TEST CERTIFICATES*

XX

COATING/ LINING ON THERMOWELL

XX

GI	TEFLON COATING	**GK**	RUBBER LINING	**GM**	HASTEALLOY C OVERLAY
GJ	TUNGSTEN CARBIDE COATING	**GL**	GLASS LINING	**GN**	TITANIUM OVERLAY

TESTS & CERTIFICATES

XX

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