

# THERMOWELLS

## STRAIGHT-SCREWED TYPE

EI2

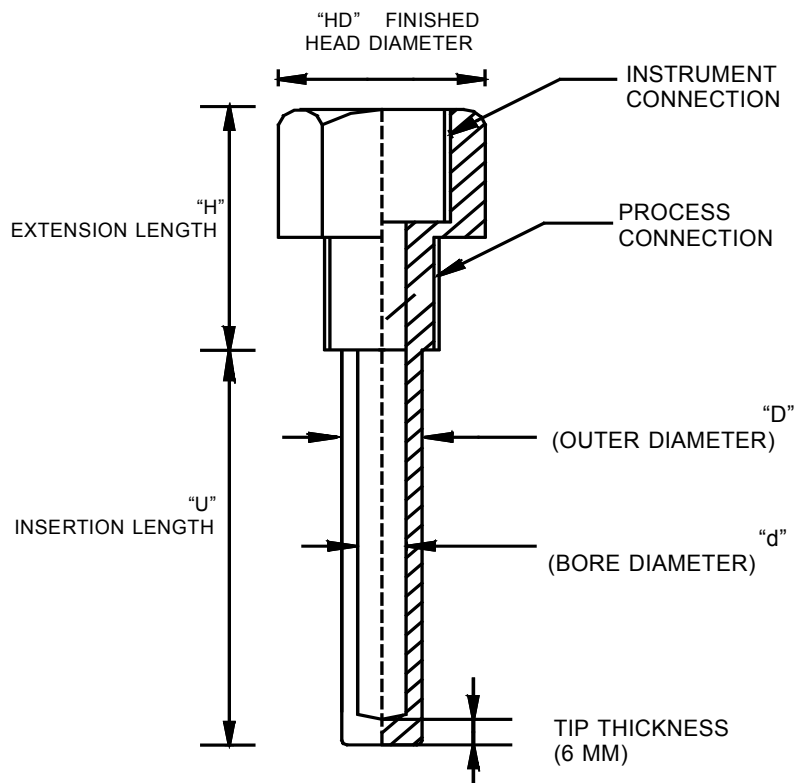


### SPECIAL FEATURES

FABRICATED FROM BAR STOCK  
STANDARD FOR MANUFACTURING  
FOLLOWED- PTC 19.3

THERMOWELL AVAILABLE IN EXOTIC MATERIALS  
SUCH AS HASTALLOY-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 DAMAGES DUE TO  
PROCESS PARAMETERS



# THERMOWELLS

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**EI2**

### HOW TO ORDER

#### BASIC MODEL

#### MATERIAL

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

FOR OTHER MATERIALS PLEASE REFER MATERIAL GUIDE

#### INSTRUMENT CONNECTION

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

FOR OTHER CONNECTIONS CONTACT FACTORY

#### PROCESS CONNECTION

WT	3/8" BSP (M)	XA	1/2" NPT (M)	4QM	1/2" PT (M)
WZ	3/8" NPT (M)	XB	3/4" NPT (M)	4MM	M20 x 1.5 (M)
WV	3/4" BSP (M)	WW	1" BSP (M)	4JM	1/2" PF (M)
WU	1/2" BSP (M)	XC	1" NPT (M)		

FOR OTHER CONNECTIONS CONTACT FACTORY

#### BORE DIAMETER "d"

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

#### OUTER DIAMETER "D"

D INDICATE TIP DIAMETER IN mm  
e.g : FOR 22 mm - D22

#### 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 LAGGING LENGTH IN mm AS - HXX  
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	TEST CERTIFICATE FOR MATERIAL OF CONSTRUCTION

#### COATING/LINING ON THERMOWELL

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

\* FOR OTHER EXOTIC MATERIALS CONTACT FACTORY

### TESTS & CERTIFICATES

SY	BORE CONCENTRICITY TEST	PV	IBR CERTIFICATION
GO	HYDRO TEST AT 100 KG/CM <sup>2</sup> (FROM INSIDE AND OUTSIDED)	TE	RADIOGRAPHY TEST FOR THERMOWELLS
TA	DYE PENETRATION TEST FOR WELD JOINTS	GP	WAKE FREQUENCY CALCULATION AS PER PTC 19.3
TG	CRACK DETECTION ULTRA SONIC TEST		

Note : Due to continuous changes the specification may vary from time to time