

THERMOWELLS

TAPERED-SCREWED TYPE

EI4

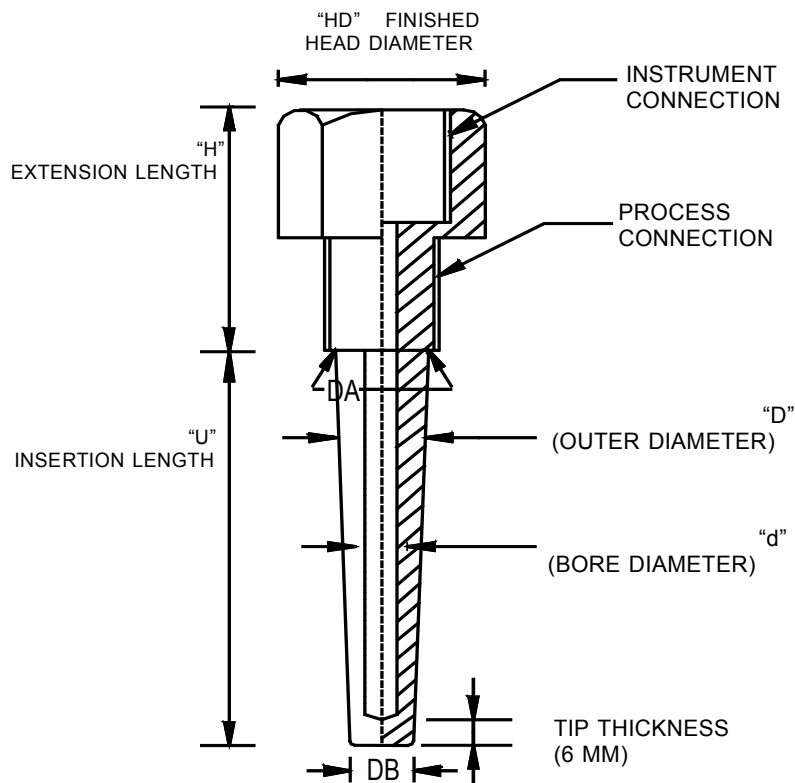


SPECIAL FEATURES

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

TAPERED-SCREWED TYPE

HOW TO ORDER

BASIC MODEL

E14

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		

E14

TN

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)

VP

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)		

WT

FOR OTHER CONNECTIONS CONTACT FACTORY

BORE DIAMETER "d"

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

d6.5

TAPER STARTING AT

0 JUST BELOW THREADS
- DISTANCE BELOW THREADS [PLEASE MENTION IN mm]

0

OUTSIDE MAJOR DIAMETER

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

DA20

OUTSIDE MINOR DIAMETER

DB e.g. FOR MINOR DIAMETER OF 15mm, PLEASE MENTION DB 15

DB15

THERMOWELL INSERTION LENGTH "U"

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

U300

LAGGING / EXTENSION LENGTH "H"

H INDICATE LAGGING LENGTH IN mm AS - HXX e.g : FOR 50 mm - H 50

H50

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

HD28

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/CM² (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