

FEATURES

- Economical version
- Fabricated from pipe
- Threaded process connection

APPLICATION

- HVAC, Air filters & utilities
- Tanks & vessels

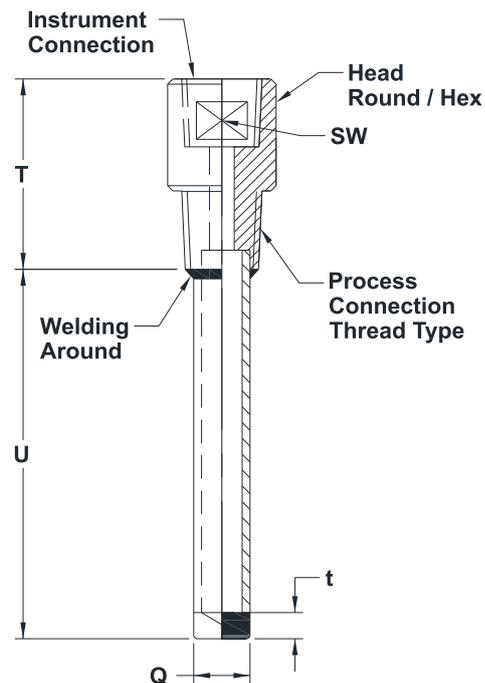
Built-up thermowell with threaded connection, straight shank



STANDARD SPECIFICATIONS

Shank form	:	Straight
Pressure rating	:	25 bar max.
Head Material	:	AISI 316 SS
Well Material	:	AISI 316 SS
Instrument connection	:	1/2" NPT (F) / 1/2" BSP (F)
Lag extension	:	45 mm
Immersion length	:	50 to 2500 mm
Tip thickness	:	5 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)
Head type	:	Hex / Round
Head size	:	27 mm / Ø30

DIMENSIONAL DRAWING



ORDERING CODES

1. SHANK FORM

S Straight

S

2. HEAD MATERIAL

MC AISI 304SS **MG** AISI 316L SS
MF AISI 316 SS

MC

3. PIPE MATERIAL

MC AISI 304SS **MG** AISI 316L SS
MF AISI 316 SS

MC

4. INSTRUMENT CONNECTION

02N 1/4" NPT (F) **04N** 1/2" NPT (F)
05N 3/4" NPT (F) **02B** 1/4" BSP (F)
04B 1/2" BSP (F) **05B** 3/4" BSP (F)
04M M20 x 1.5 mm (F)

02N

5. PROCESS CONNECTION

14N 1/2" NPT (M) **15N** 3/4" NPT (M)
15B 3/4" BSP (M) **14B** 1/2" BSP (M)
16N 1" NPT (M) **16B** 1" BSP (M)
14M M20 x 1.5 mm (M)

14N

6. HEAD TYPE

H Hex
L Round with spanner slot

H

7. HEAD SIZE

XX Mention in 'mm'

27

8. LAG EXTENSION ("T")

XXX 35 mm up to 250 mm

50

9. WELL (TUBE)

U1 Tube Ø10 x 1.5 mm THK
UL Tube Ø12 x 2.5 mm THK
UM Tube Ø14 x 2.5 mm THK
UN Tube Ø12 x 1.0 mm THK
UO Tube Ø14 x 1.0 mm THK
UP Tube Ø16 x 2.0 mm THK

U1

10. IMMERSION LENGTH ("U")

XXXX 50 mm up to 2500 mm

100

11. TIP THICKNESS ("t")

M 5 mm
N 6.35 mm (1/4")
O 10 mm

M

12. OTHER OPTIONS

XK Electro Polishing
XI Plug & chain in SS
TC Material test certificate 3.1
TD Dye penetration test
TH Hydro test certificate
 (Pressure rating depending of pipe size and Sch.)

XM

Other sizes and Sch. available on request

Ordering Example : W101-S-MC-MC-02N-14N-H-27-50-U1-100-M

NOTES:

1. Other pipe/tube sizes, "U" lengths, connections are available. please contact factory for details.
2. Please refer "Technical Guidance Sheet" for the proper selection of connections according to Head size and Outer diameter of the well.