

## TW 500 Series

### Thermowells

Made from Drilled Bar stock

A Weld-in tapered Thermowell.

Various materials to choose from.

Code	Well Type
DBW500#	Drilled Bar stock Weld-in Wells

Code	Well Material
316	316SS
321	321SS
316Ti	316 Ti stabilised
F11	13CrMo44
F22	10CrMo910
WM	Other(Define)

Code	Well Type
W	Weld in

Code	Options
0	None
10	Special requirement
21	Third party Inspection
25	Plug and Chain in SS.
50	High Velocity collar
61	Safe design Calculation

Code	L3	L2	D	d
D1	140	65	24	12.5
D2	200	125	24	12.5
D3	200	125	30	16
D4	200	65	24	12.5
D5	260	125	24	12.5
D6	255	125	30	16

Note : Type D3 and D6 are for 8 dia Inserts. All other types are 6 dia inserts

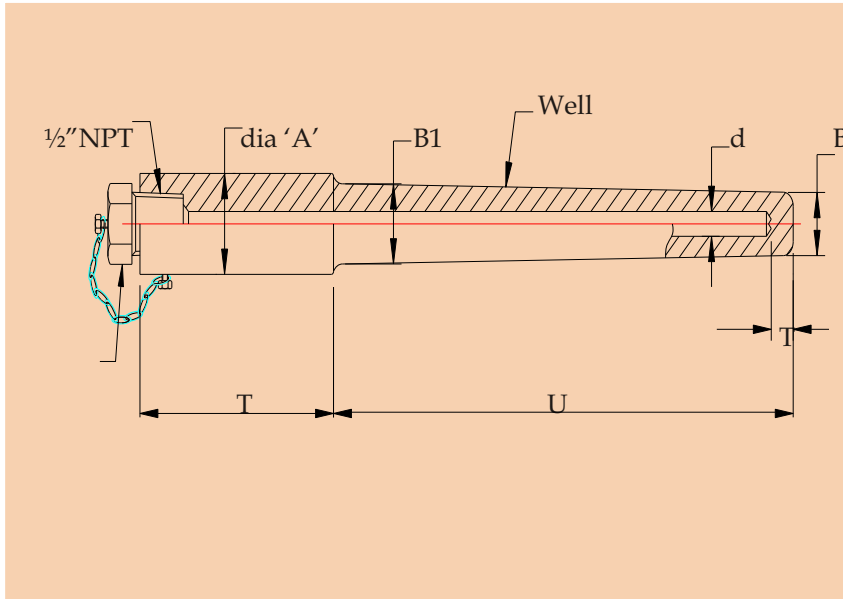
  

Code	Thermowell 'ID'
d7	7.0mm
d8.5	8.5mm
d10.5	10.5mm
D00	Other(Define)

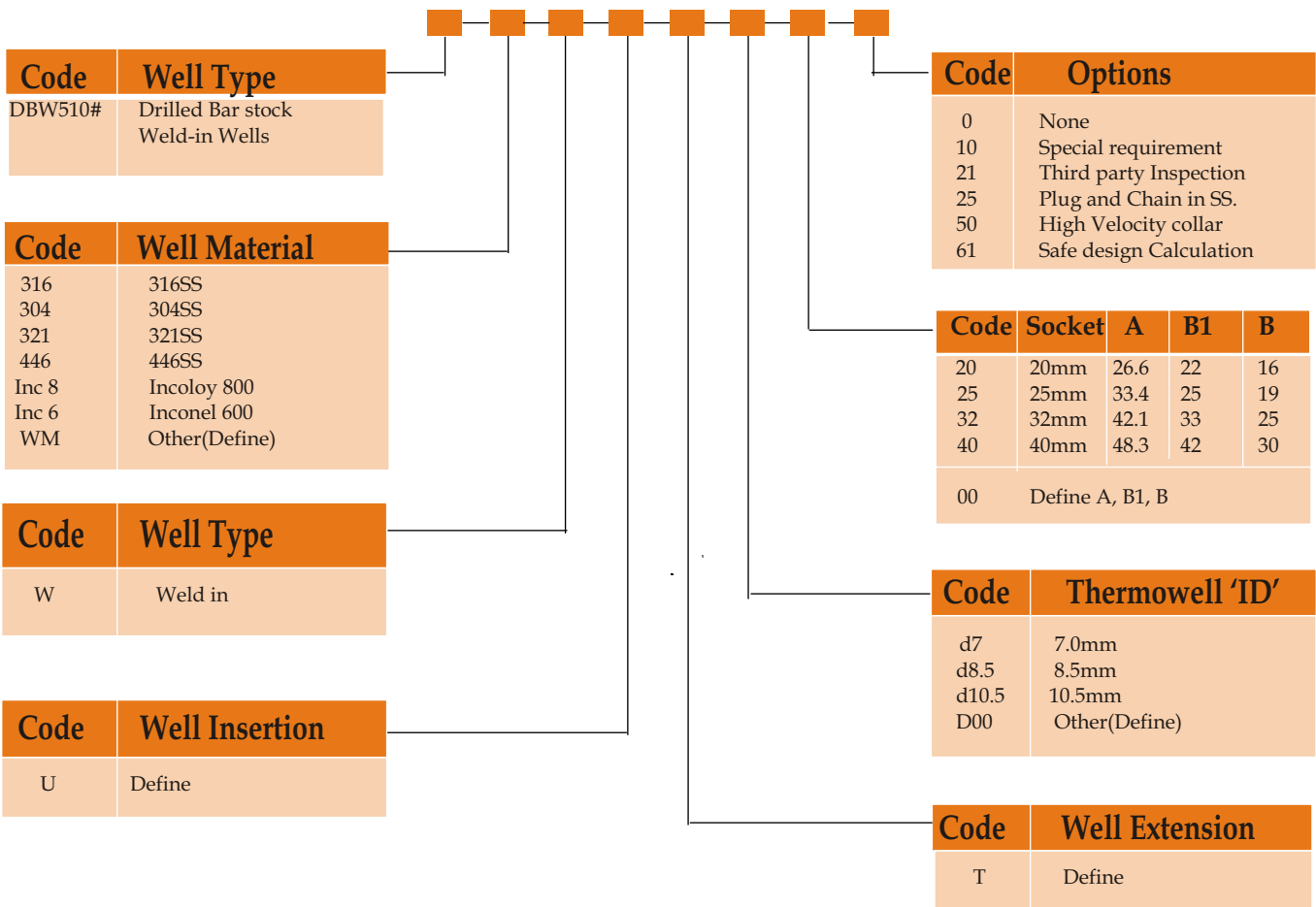
### ORDERING EXAMPLE

TW 500 SERIES DBW500#-316-W-d7-D2(L3=200,L2=125-D=24-d12.5)-Op25

**TW 510 Series  
Thermowells**



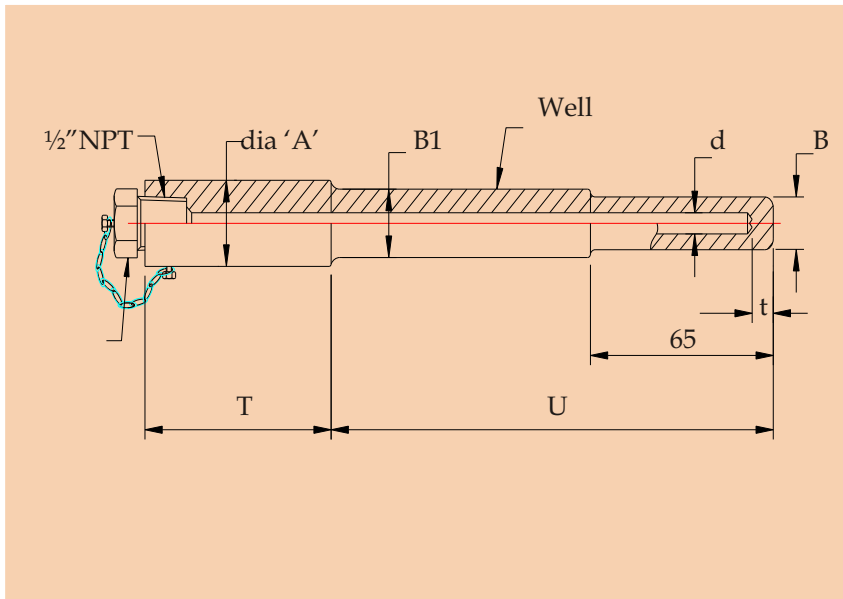
- Made from Drilled Bar stock
- A Weld-in tapered shank Thermowell
- Safe Design as per ASME PTC19.3
- Various materials to choose from.



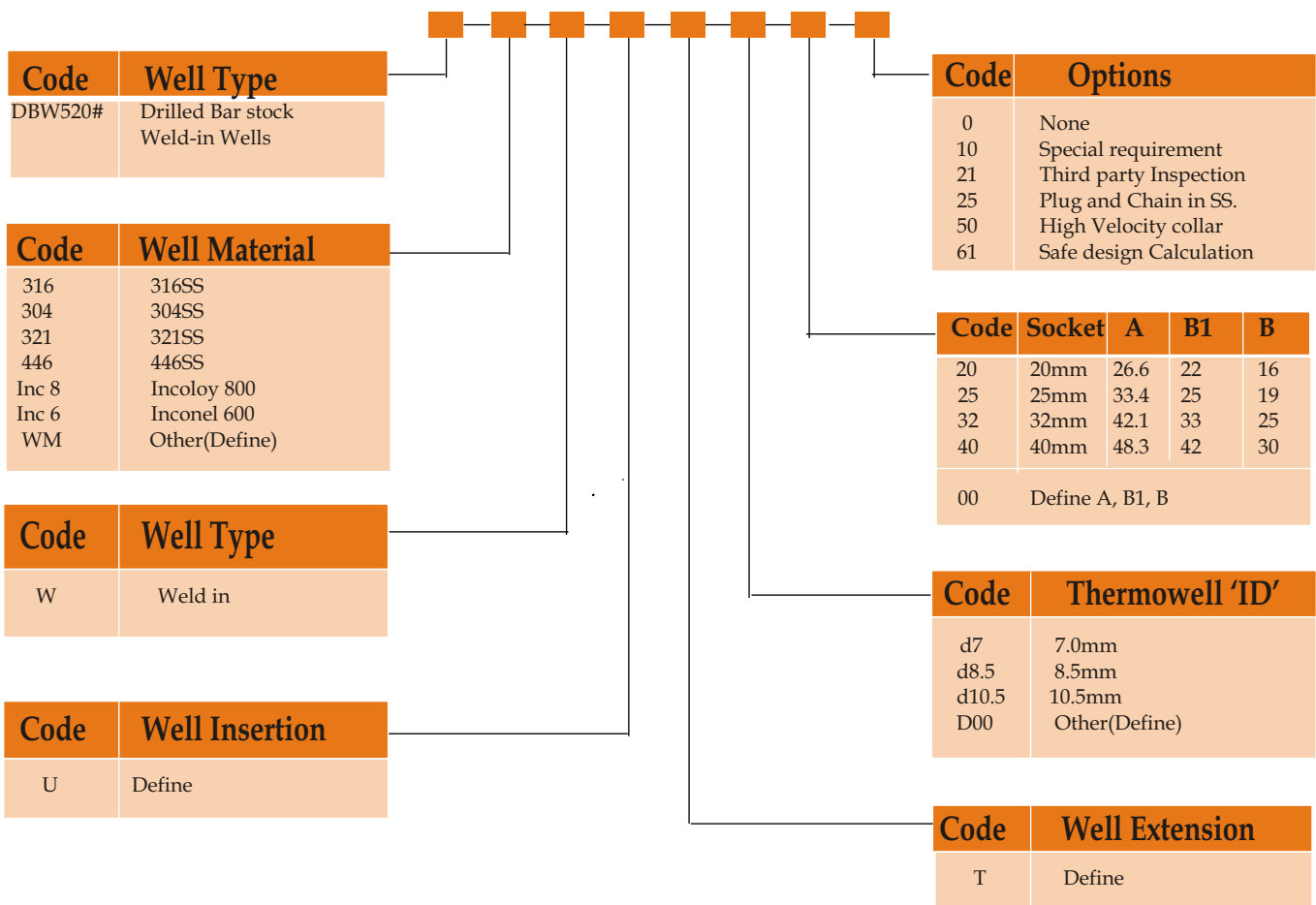
**ORDERING EXAMPLE**

TW 510 SERIES DBW510#-316-W-U-T-d7-25(A=33.4,B1=25,B=19)-Op25

**TW 520 Series  
Thermowells**



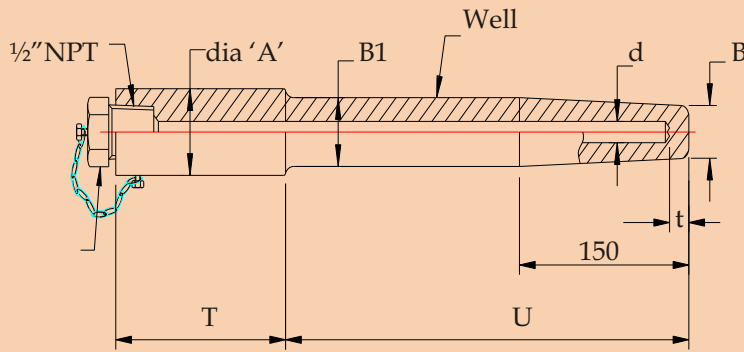
- Made from Drilled Bar stock
- A Weld-in stepped shank Thermowell For faster response.
- Safe Design as per ASME PTC19.3
- Various materials to choose from.



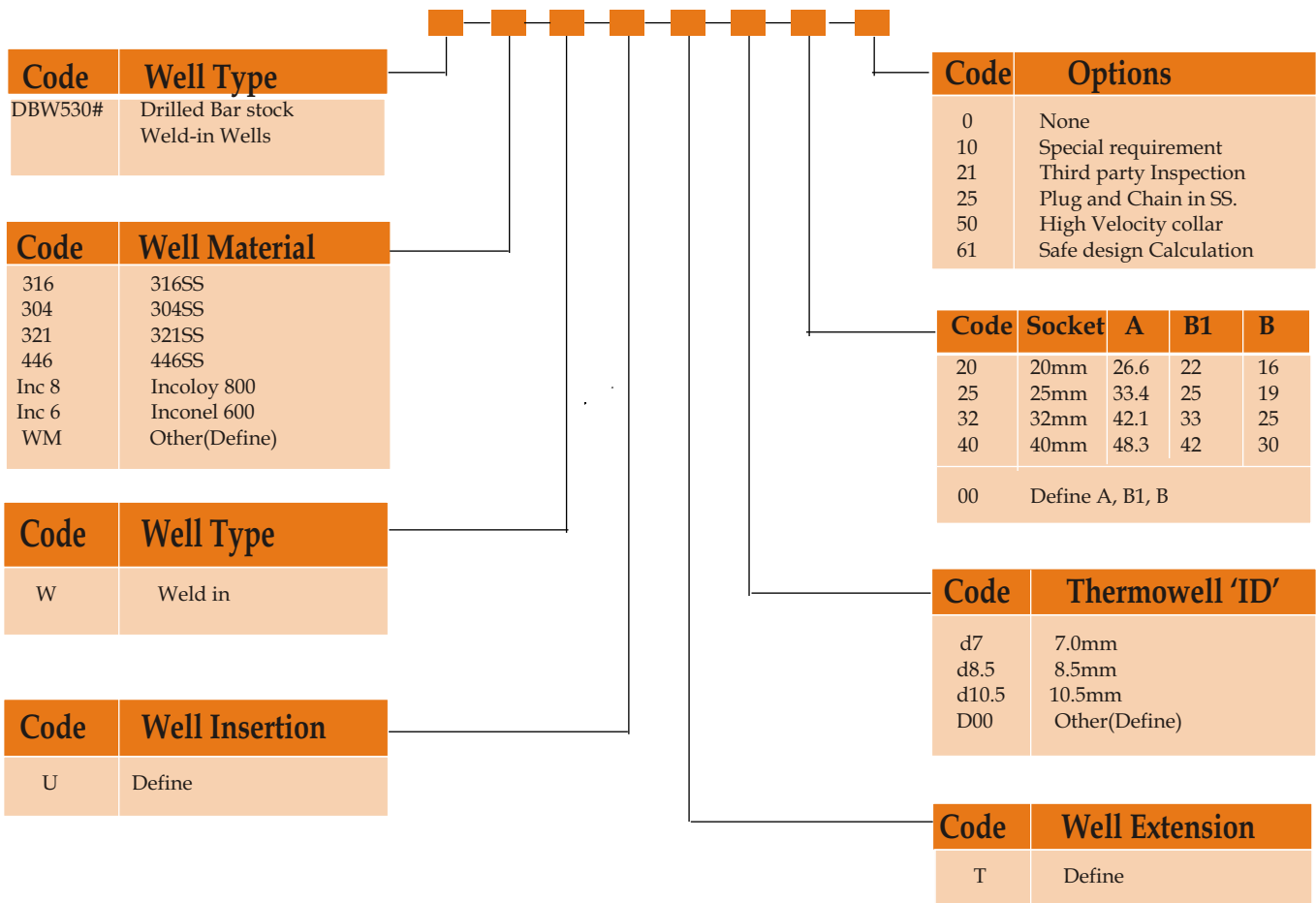
**ORDERING EXAMPLE**

TW 520 SERIES DBW520#-316-W-U-T-d7-25(A=33.4,B1=25,B=19)-Op25

**TW 530 Series  
Thermowells**



- Made from Drilled Bar stock
- A Weld-in straight and tapered shank Thermowell
- Safe Design as per ASME PTC19.3
- Various materials to choose from.

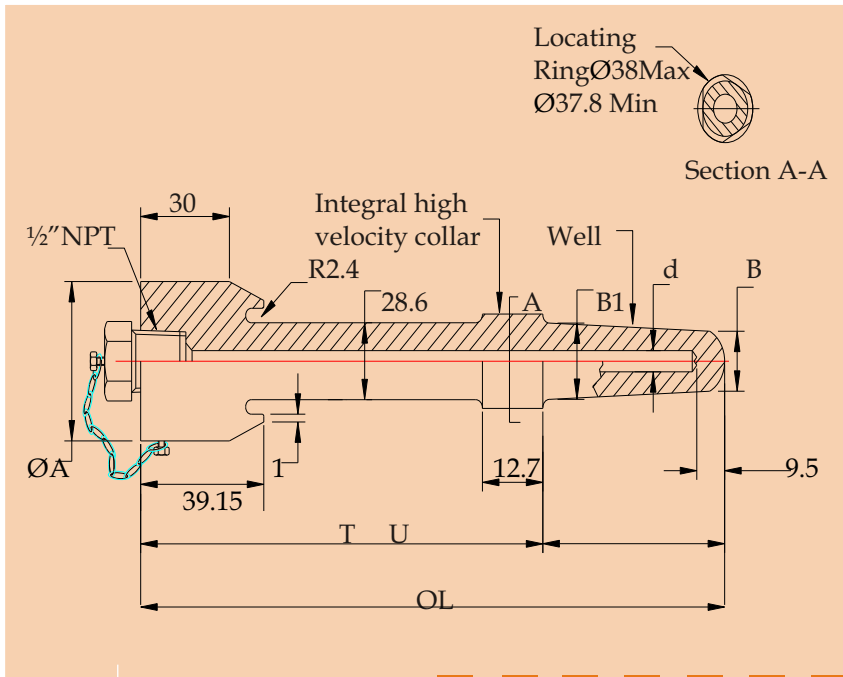


**ORDERING EXAMPLE**

TW 530 SERIES DBW530#-316-W-U-T-d7-25(A=33.4,B1=25,B=19)-Op25

**TW 540 Series  
Thermowells**

- Made from Drilled Bar stock
- A High pressure Weld-in Thermowell
- Safe Design as per ASME PTC19.3
- Third party inspection.
- Heat Treatment at 950 Deg C.
- Various materials to choose from.



Code	Well Type
DBW540#	Drilled Bar stock Weld-in Wells

Code	Well Material
316	316SS
304	304SS
321	321SS
Inc 6	Inconel 600
WM	Other(Define)

Code	Well Type
W	Weld in

Code	Well Insertion
U	Define

Code	Options
0	None
10	Special requirement
19	PWHT
21	Third party Inspection
25	Plug and Chain in SS.
50	High Velocity collar
61	Safe design Calculation

Code	Weldolet Size	A	B1	B
BW2"XXS	2"XXS	63.5	25.4	19

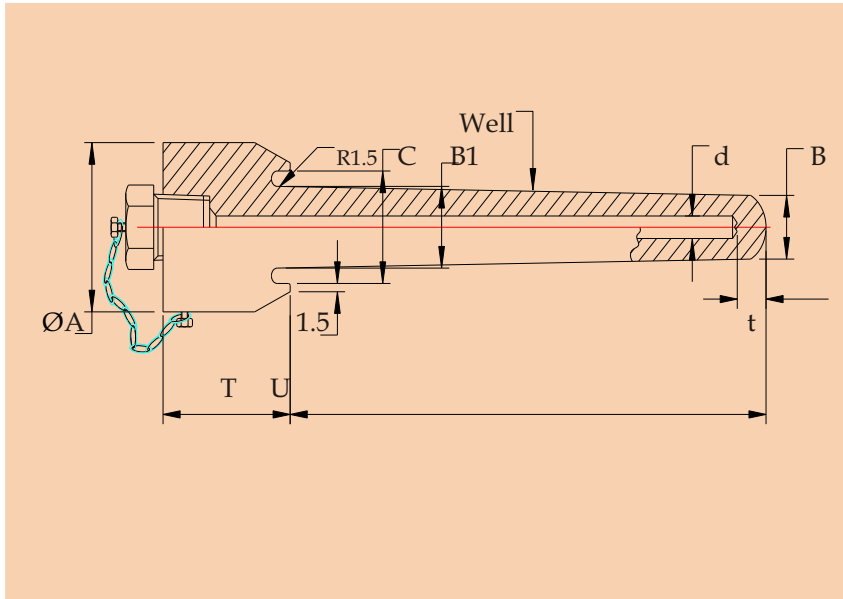
Code	Thermowell 'ID'
d7	7.0mm
d8.5	8.5mm
d10.5	10.5mm
D00	Other(Define)

Code	Well Extension
T	Define

**ORDERING EXAMPLE**

TW 540 SERIES DBW540#-316-W-U-T-d7-BW2"SchXXS(A=63.5,B=25.4,B=19)-Op25,50

**TW 550 Series  
Thermowells**



- Made from Drilled Bar stock
- A Butt Weld designed tapered shank Thermowell
- Safe Design as per ASME PTC19.3
- Various materials to choose from.

Code	Well Type
DBW550#	Drilled Bar stock Weld-in Wells

Code	Well Material
316	316SS
304	304SS
321	321SS
Inc 6	Inconel 600
WM	Other(Define)

Code	Well Type
W	Weld in

Code	Well Insertion
U	Define

Code	Well Extension
T	Define

Code	Options
0	None
10	Special requirement
19	PWHT
21	Third party Inspection
25	Plug and Chain in SS.
50	High Velocity collar
61	Safe design Calculation

Code	Weldolet Size	A	B1	B
BW1.5"40	1.5"Sch40	48	41	16
BW1.5"80	1.5"Sch80	48	38	16
BW1.5"160	1.5"Sch160	48	34	16
BW1.5"XXS	1.5"SchXXS	48	28	16
BW2"40	2"Sch40	60	52	16
BW2"80	2"Sch80	60	49	16
BW2"160	2"Sch160	60	43	16
BW2"XXS	2"SchXXS	60	38	16

Note: 'B' will be 19mm for sheath dia of 8mm and 22mm for sheath dia of 10mm.  
'B1' will be B+3

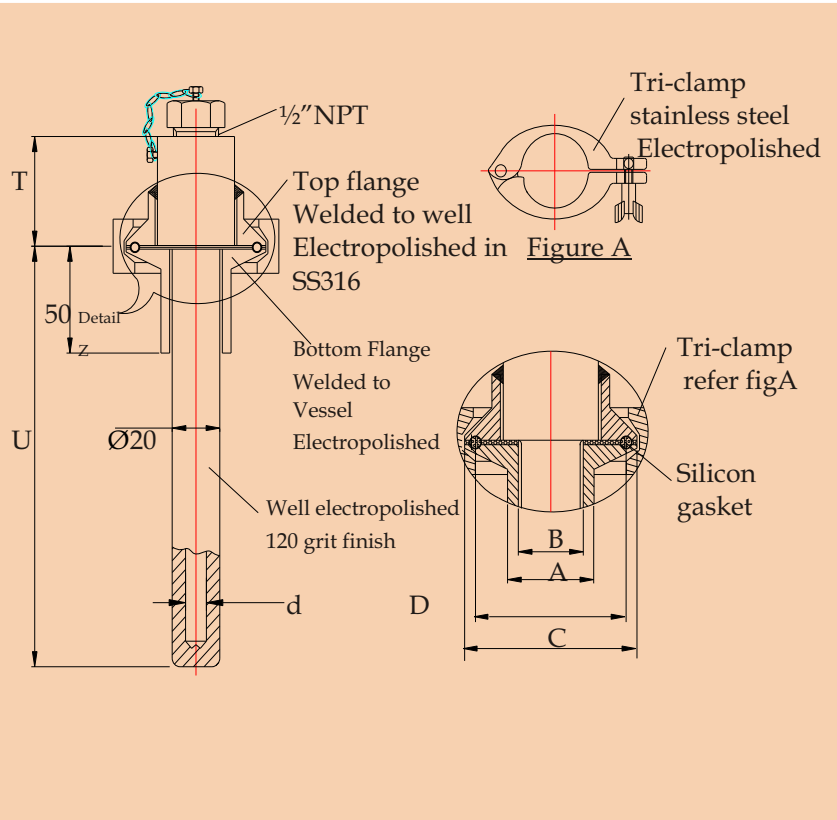
  

Code	Thermowell 'ID'
d7	7.0mm
d8.5	8.5mm
d10.5	10.5mm
D00	Other(Define)

**ORDERING EXAMPLE**

TW 550 SERIES DBW550#-316-W-U-T-d7-BW1.5"40(A=48,C=41,B=16)-Op25

**TW 531 Series  
Thermowells**



- Made from Drilled Bar stock
- A tapered shank Thermowell & Tri-Clamp
- Various materials to choose from.

Code	Well Type
DBW531#	Drilled Bar stock Wells with Tri-Clamp

Code	Well Material
316	316SS
316L	316LSS
WM	Other(Define)

Code	Well Type
TC	Tri-clamp

Code	Well Insertion
U	Define

Code	Well Extension
T	Define

Code	Options
0	None
10	Special requirement
19	PWHT
21	Third party Inspection
25	Plug and Chain in SS.
50	High Velocity collar
61	Safe design Calculation

Code Tri-clamp Size	A	B	C	D
1.5"	38.0	34.8	50.5	43.5
2"	50.8	47.8	56.5	63.5
3"	76.1	72.1	91.0	83.5

Code	Thermowell 'ID'
d7	7.0mm
d8.5	8.5mm
d10.5	10.5mm
D00	Other(Define)

**ORDERING EXAMPLE**

TW 531 SERIES DBW531#-316-TC-U-T-d7-1.5"(A=38,B=34.6,C=50.5,D=43.5)-Op25