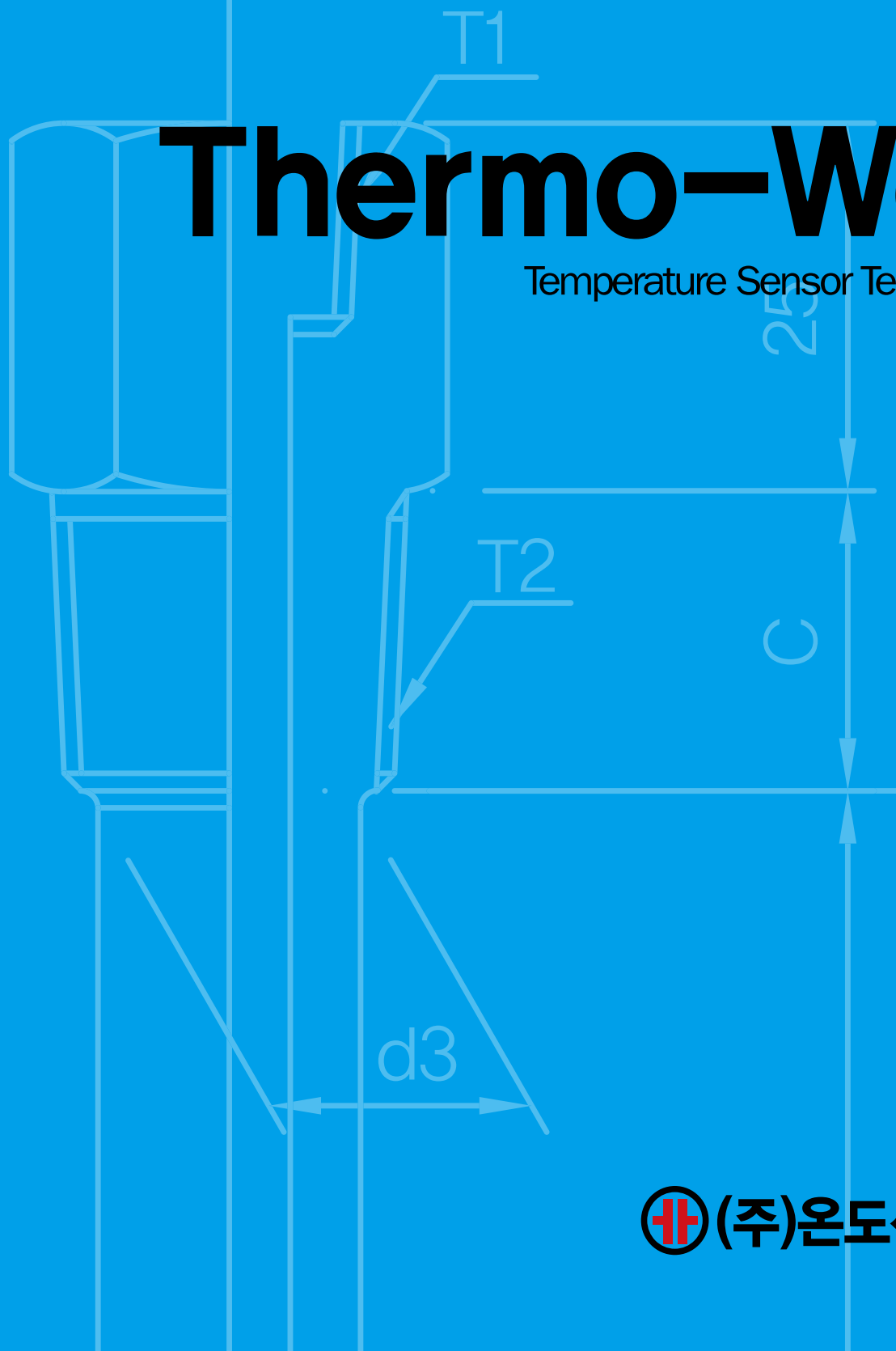
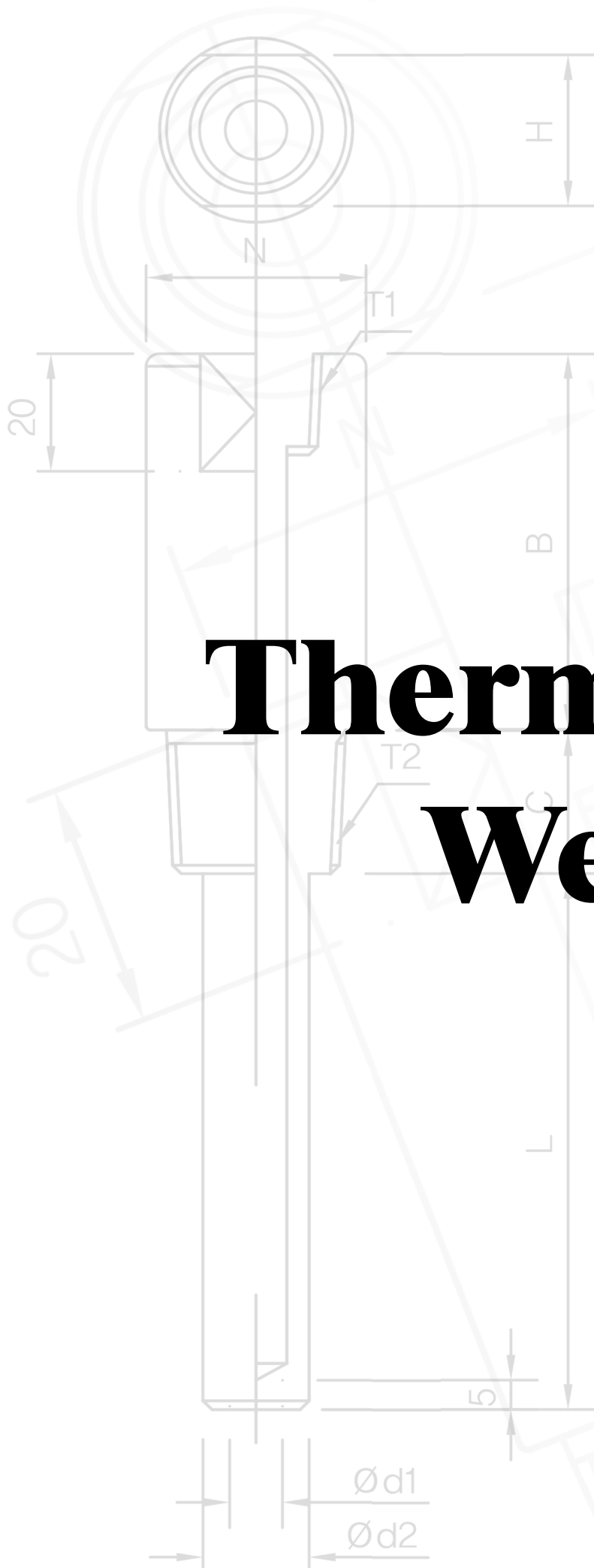




Thermo-Well

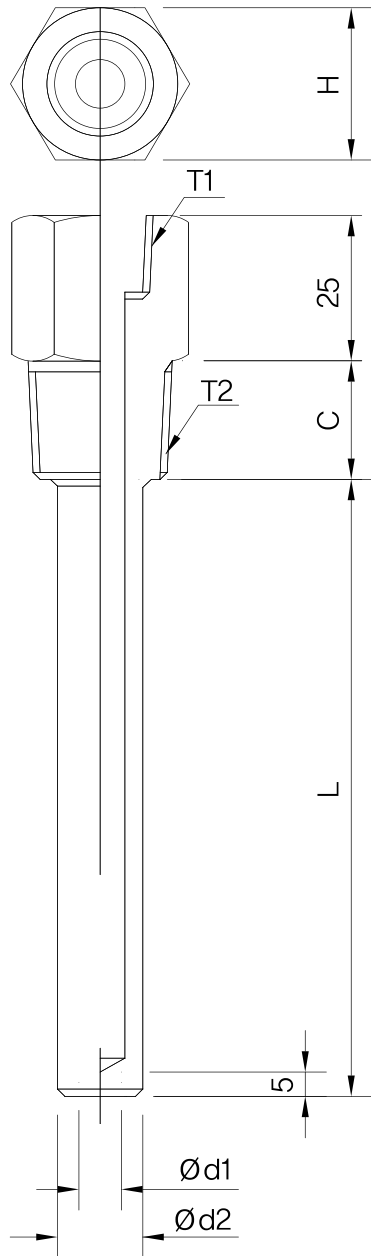
Temperature Sensor Technology





Thermo Well

2	KW-1011
3	KW-1012
4	KW-1013
5	KW-1014
6	KW-1015
7	KW-1016
8	KW-1017
9	KW-1018
10	KW-2011
11	KW-2012
12	KW-2013
13	KW-2014
14	KW-2015
15	KW-2016
16	KW-2017
17	KW-2018
18	KW-3011
19	KW-3012
20	KW-3013
21	KW-3014
22	KW-3015
23	KW-3016
24	KW-3017
25	KW-3018
26	KW-4011
27	KW-4012
28	KW-4013
29	KW-4014
30	KW-4015
31	KW-4016
32	KW-4017
33	KW-4018
34	KW-4019
35	KW-4020
36	KW-4021



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
HEXAGON HEAD STRAIGHT TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

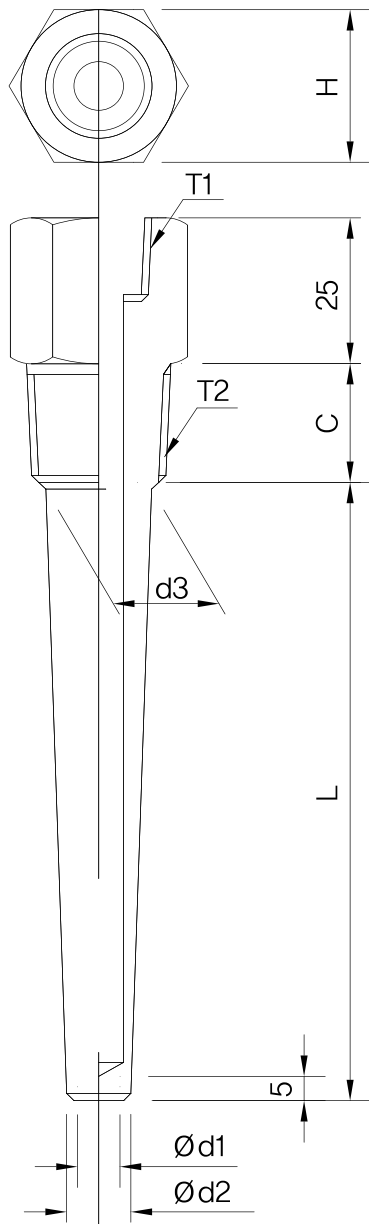
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-1011				
DATE						APPROVED	CHECKED	DESIGNED	DRAWN	
REVISIONS										
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
(주)온도센서테크						DWG. No.			KW-11011	
									SHT.	



— SPECIFICATION

This type is suitable for high
temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
HEXAGON HEAD (TAPER)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐

☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX. (H) mm

LENGTH (C) mm

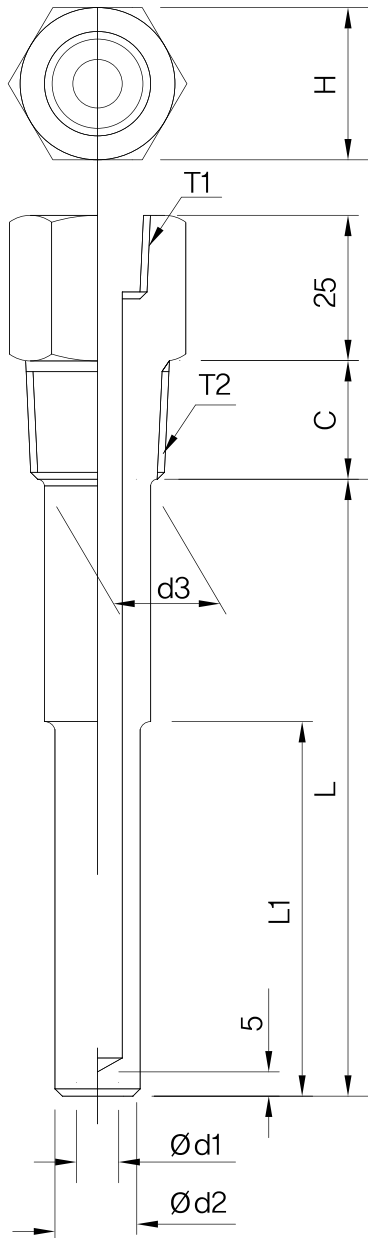
IMMERSION LENGTH (L) mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△														
△														
△														
△														
NO	DATE	DESCRIPTION		DR,N	CH,D									
REVISIONS						TITLE THERMOWELL MODEL : KW-1012								
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS		DATE					APPROVED	CHECKED	DESIGNED	DRAWN	
Ⓢ (주)온도센서테크						DWG. No. KW-11012				SHT.				

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK

HEXAGON HEAD STEP TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐

☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX. (H) mm

LENGTH (C) mm

IMMERSION LENGTH (L) mm

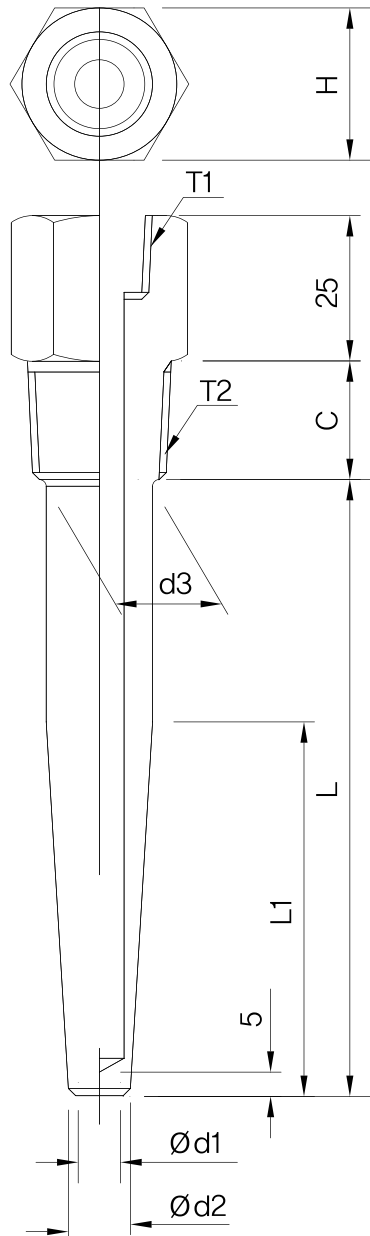
LENGTH (L1) mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-1013				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
						DWG. No.				SHT.
(주)온도센서테크						KW-11013				



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
HEXAGON HEAD STEP TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

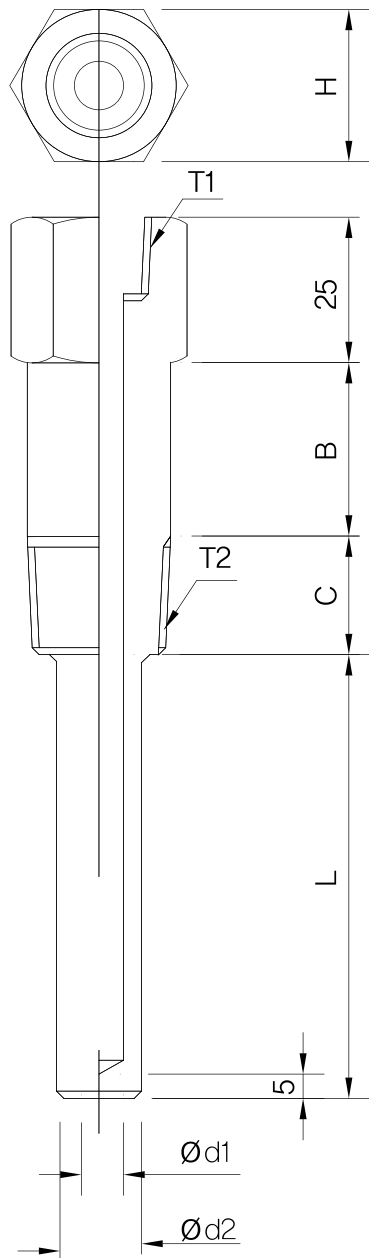
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-1014				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS								
	N/S	MILLIMETERS								
						DWG. No.				SHT.
						KW-11014				



SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
HEXAGON HEAD LAGGING TYPE(STRAIGHT)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

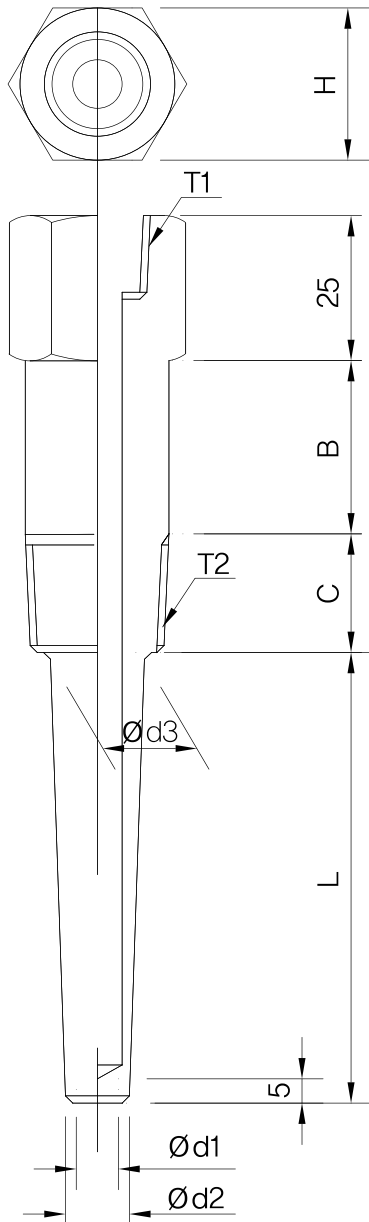
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-1015				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
						DWG. No.		KW-11015		SHT.



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
HEXAGON HEAD LAGGING TYPE(TAPER)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

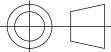
3. INSIDE THREAD (T1)

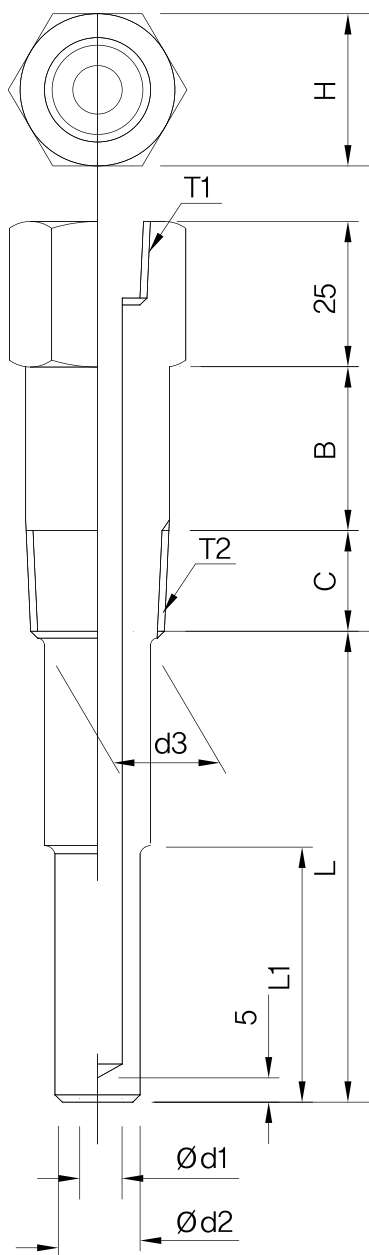
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-1016				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS								
	N/S	MILLIMETERS								
						DWG. No.				SHT.
						KW-11016				



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK

HEXAGON HEAD LAGGING TYPE(STEP)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3.INSIDE THREAD (T1)

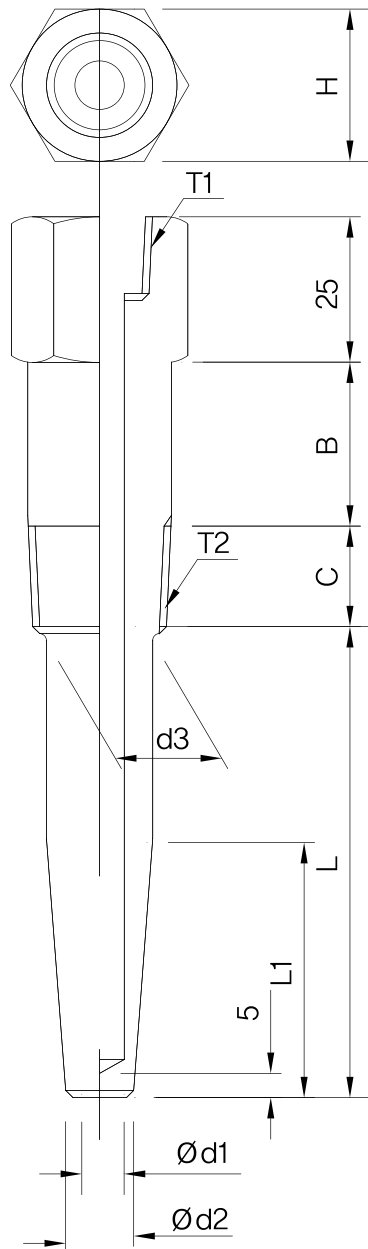
☐PT ☐PF ☐NPT ☐☐ 3/8" ☐ 1/2" ☐

4.OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE THERMOWELL MODEL : KW-1017				
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
 (주)온도센서테크					DWG. No. KW-11017				
					SHT.				



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK

HEXAGON HEAD LAGGING TYPE(STEP)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3JINSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

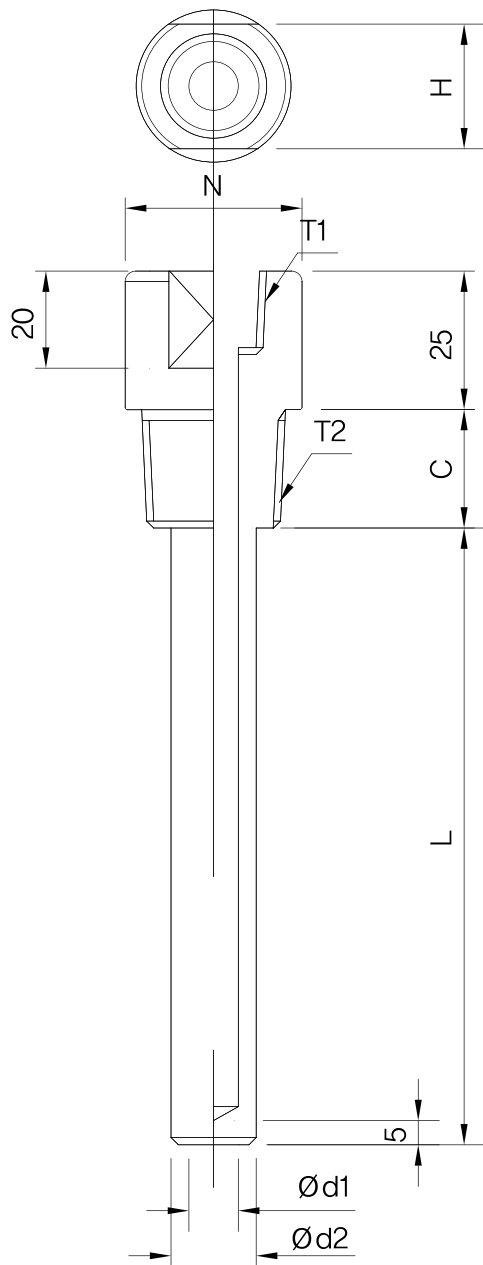
4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐

☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. HEX.	(H)	mm
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△										
△										
△										
△										
NO	DATE	DESCRIPTION		DR,N	CH,D					
REVISIONS						TITLE THERMOWELL MODEL : KW-1018				
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS		DATE					APPROVED
										
 (주)온도센서테크						DWG. No. KW-11018				SHT.



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD STRAIGHT TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

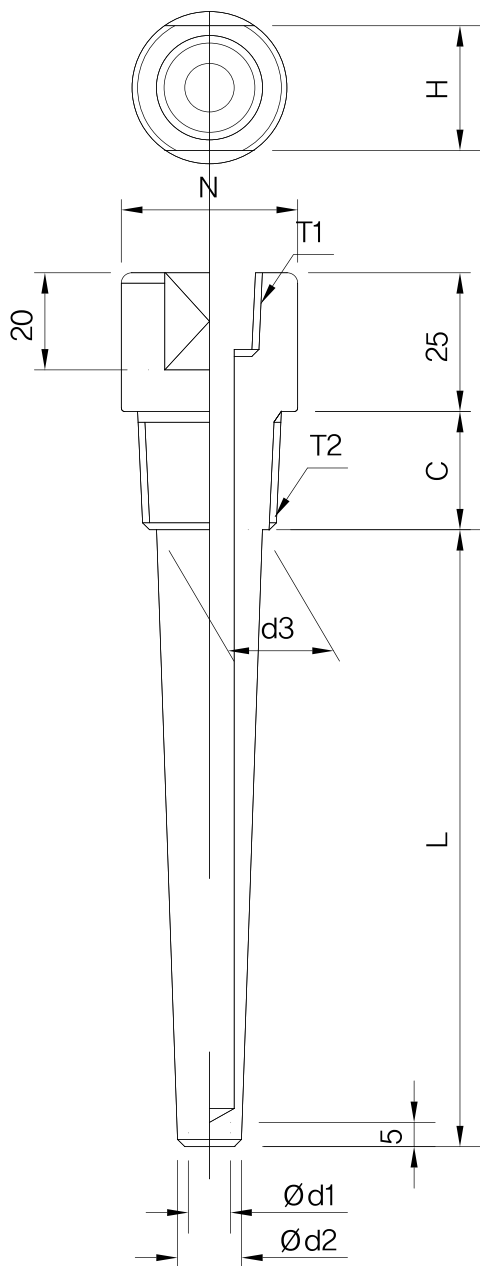
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	TITLE				
					THERMOWELL				
					MODEL : KW-2011				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No.				SHT.
					KW-22011				



SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK ROUND HEAD(TAPER)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

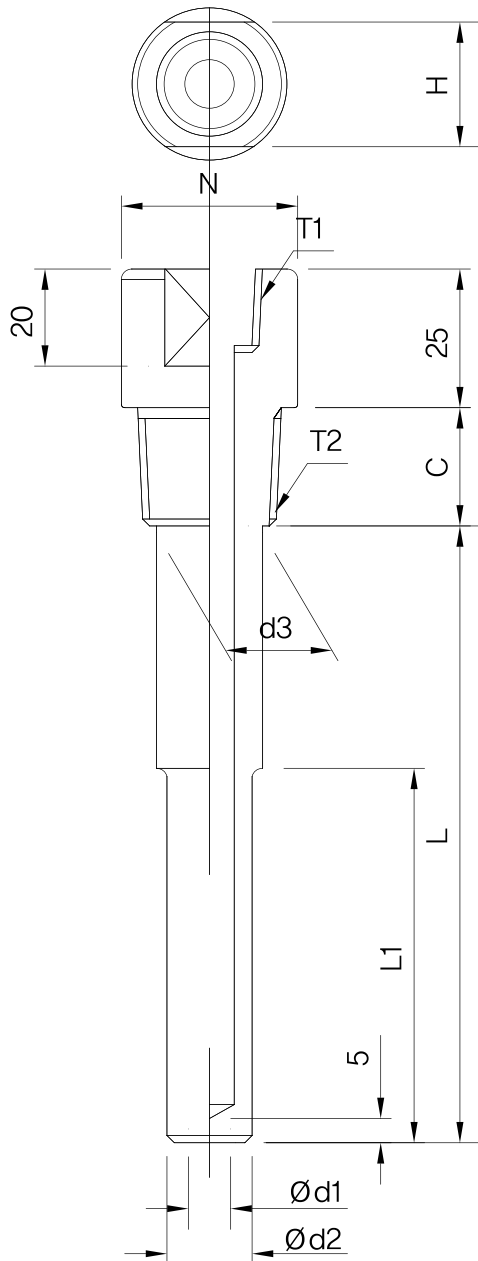
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE THERMOWELL MODEL : KW-2012				
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No. KW-22012				
					SHT.				



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

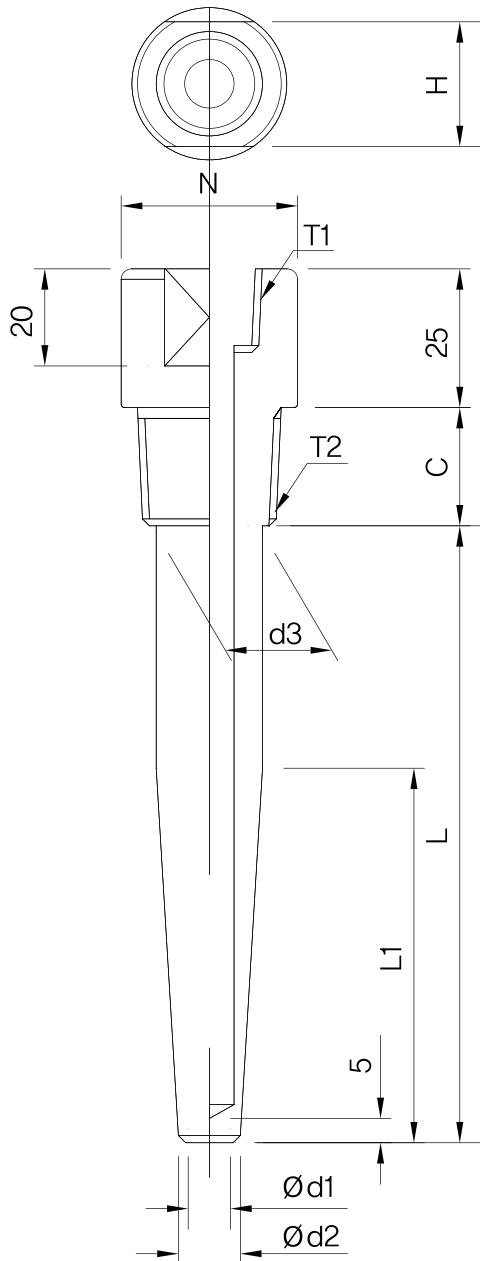
4. OUTSIDE THREAD (T2)

☐PT ☐PF ☐NPT ☐

☐1/2" ☐3/4" ☐1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE THERMOWELL				
△										
NO	DATE	DESCRIPTION		DR.N	CH.D	MODEL : KW-2013				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
 (주)온도센서테크						DWG. No. KW-22013				SHT.



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD(STEP)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

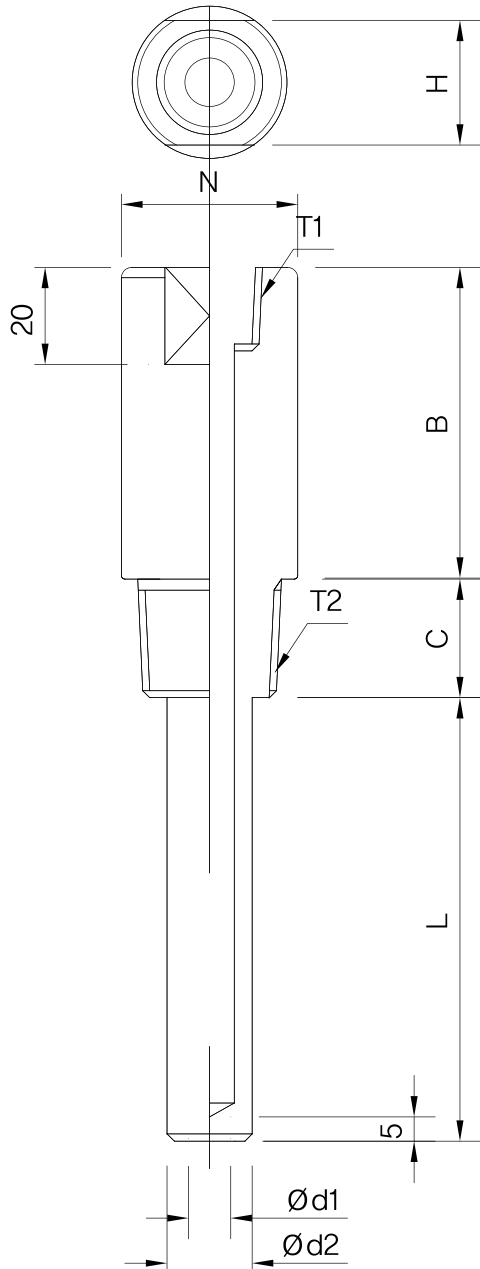
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-2014				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS								
	N/S	MILLIMETERS								
						DWG. No.				
						KW-22014				
						SHT.				

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD LAGGING TYPE(STRAIGHT)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

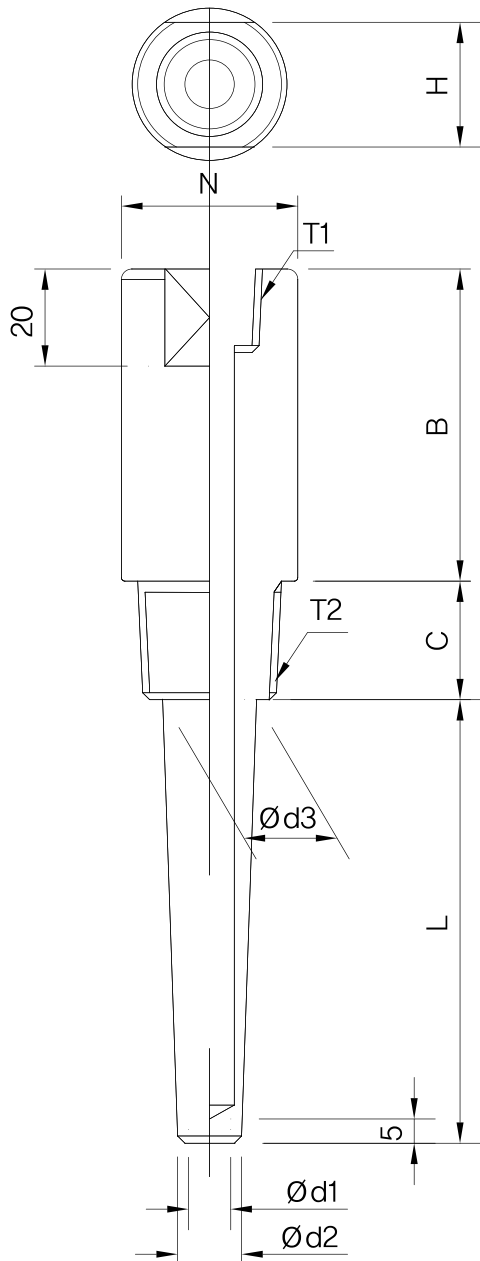
☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐

4. OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOWELL				
NO					MODEL : KW-2015				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No.		KW-22015		SHT.



— SPECIFICATION

This type is suitable for high
temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD LAGGING TYPE(TAPER)

2.MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3.INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

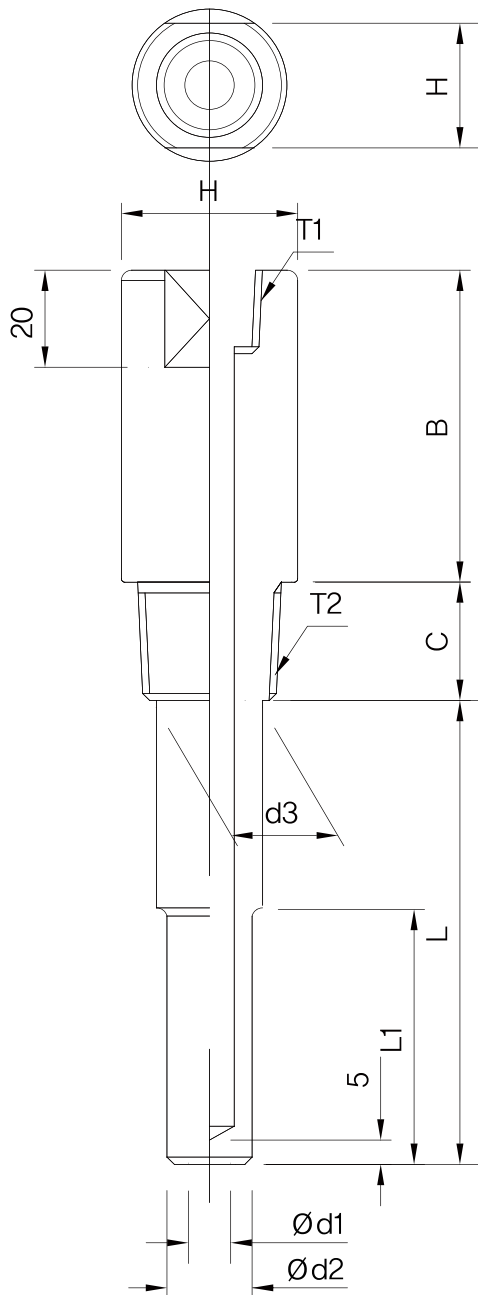
4.OUTSIDE THREAD (T2)

☐ PT ☐ PF ☐ NPT ☐

☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOWELL				
					MODEL : KW-2016				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
(주)온도센서테크					DWG. No.				SHT.
					KW-22016				



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD LAGGING TYPE(TAPER)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

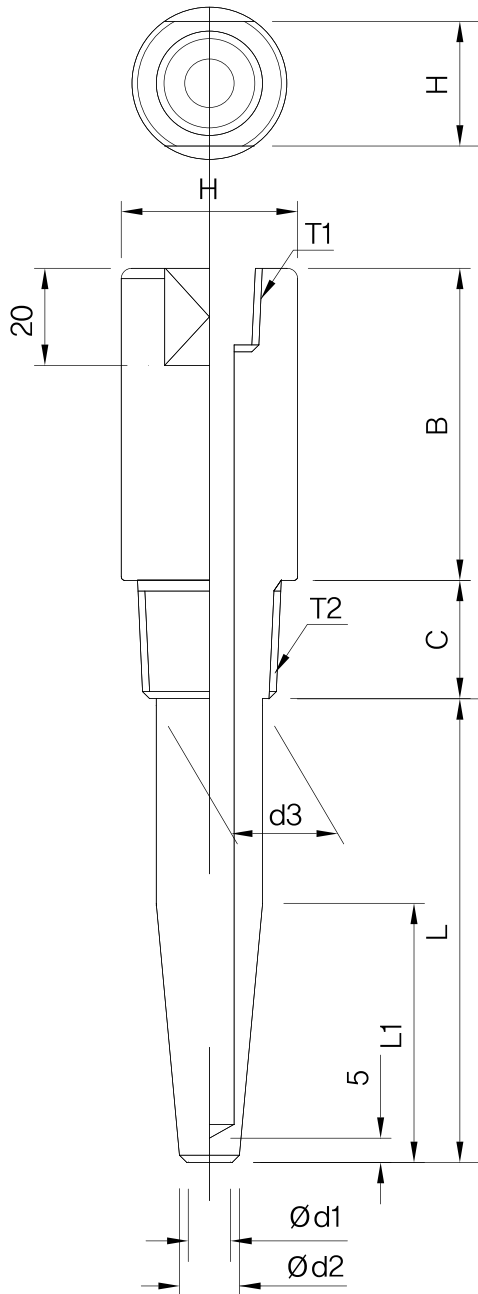
4. OUTSIDE THREAD (T2)

☐PT ☐PF ☐NPT ☐

☐1/2" ☐3/4" ☐1" ☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△					<table><tr><td>No.</td><td>PARTS NAME</td><td>MATERIAL</td><td>Q'TY</td><td>REMARKS</td></tr><tr><td colspan="5">TITLE THERMOWELL</td></tr><tr><td colspan="5">MODEL : KW-2017</td></tr><tr><td>DATE</td><td>APPROVED</td><td>CHECKED</td><td>DESIGNED</td><td>DRAWN</td></tr><tr><td colspan="5">DWG. No.</td><td>SHT.</td></tr></table>	No.	PARTS NAME	MATERIAL	Q'TY	REMARKS	TITLE THERMOWELL					MODEL : KW-2017					DATE	APPROVED	CHECKED	DESIGNED	DRAWN	DWG. No.					SHT.
No.	PARTS NAME	MATERIAL	Q'TY	REMARKS																											
TITLE THERMOWELL																															
MODEL : KW-2017																															
DATE	APPROVED	CHECKED	DESIGNED	DRAWN																											
DWG. No.					SHT.																										
△																															
△																															
△																															
NO	DATE	DESCRIPTION	DR,N	CH,D																											
REVISIONS																															
REMARKS	SCALE N/S	DIMENSIONS MILLIMETERS																													
 (주)온도센서테크																															



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. SCREWED TYPE DRILLED BAR STOCK
ROUND HEAD LAGGING TYPE(TAPER)

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

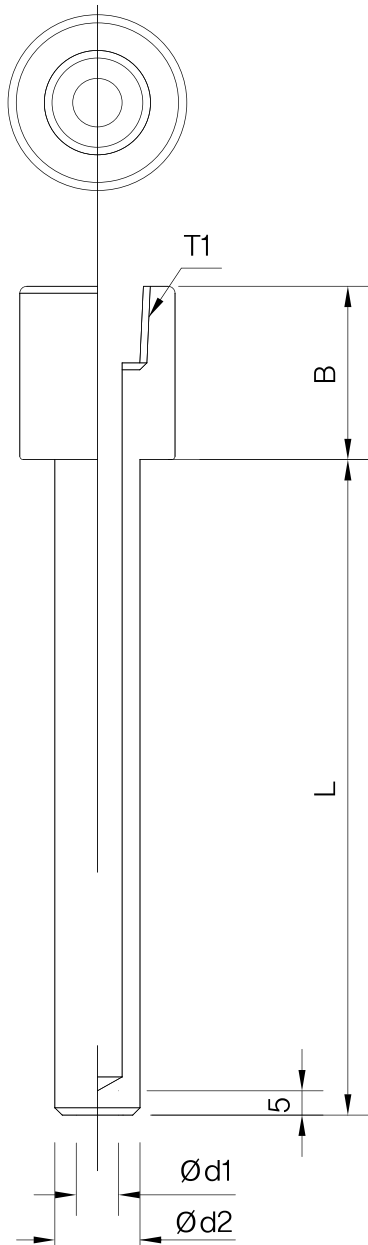
☐ PT	☐ PF	☐ NPT	☐
☐ 3/8"	☐ 1/2"	☐	

4. OUTSIDE THREAD (T2)

☐ PT	☐ PF	☐ NPT	☐
☐ 1/2"	☐ 3/4"	☐ 1"	☐

5. STOCK SIZE	(H)	mm
DIA	(N)	mmØ
LENGTH	(B)	mm
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE THERMOWELL MODEL : KW-2018 DATE APPROVED CHECKED DESIGNED DRAWN				
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS REMARKS SCALE N/S DIMENSIONS MILLIMETERS					DWG. No. KW-22018 SHT.				



SPECIFICATION

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

4. HEX. DIAMETER (B)

mm

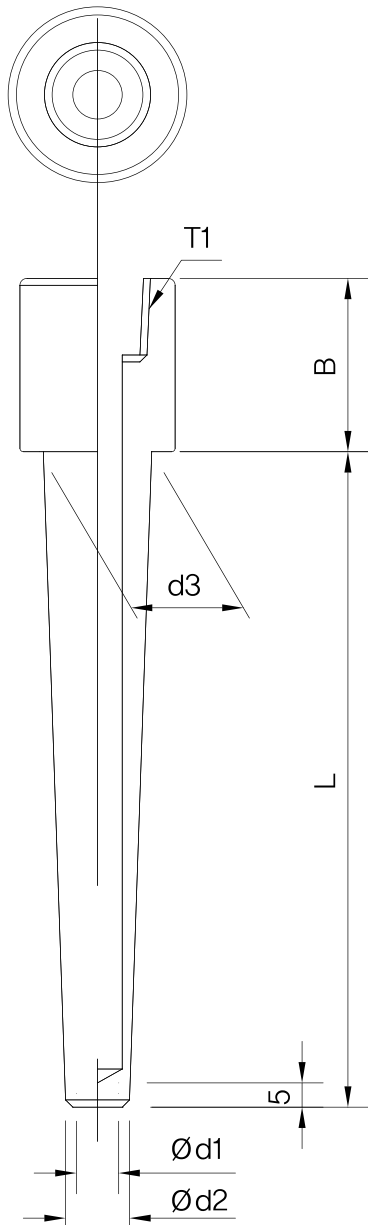
5. IMMERSION LENGTH (L)

mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE THERMOWELL				
△										
NO	DATE	DESCRIPTION		DR,N	CH,D	MODEL : KW-3011				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
 (주)온도센서테크						DWG. No. KW-33011				SHT.

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

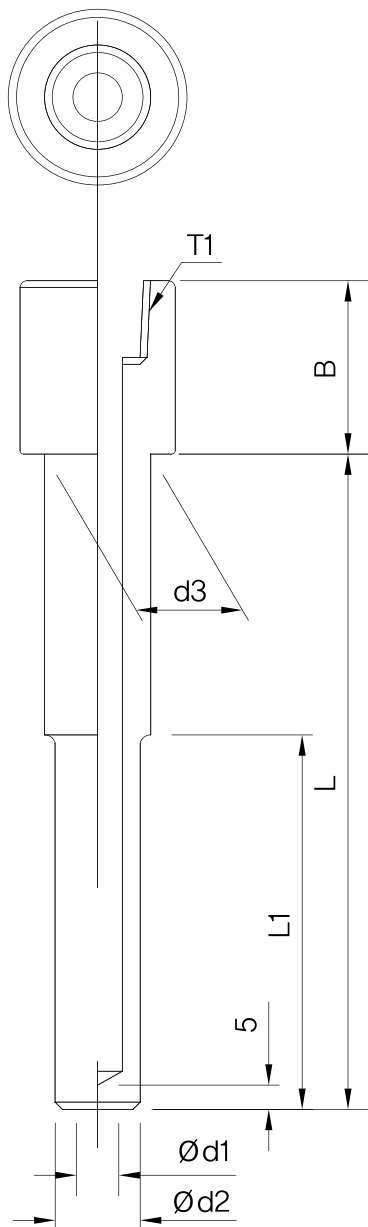
4. HEX. DIAMETER (B) mm**5. IMMERSION LENGTH (L)** mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△									
△						No.	PARTS NAME	MATERIAL	QTY
△						TITLE			
△						THERMOWELL			
NO						MODEL : KW-3012			
DATE						APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS						DWG. No.			
SCALE						SHT.			
N/S						KW-33012			
DIMENSIONS									
MILLIMETERS									



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

4. HEX. DIAMETER (B)

mm

5. IMMERSION LENGTH (L)

mm

LENGTH

(L1)

mm

INSIDE DIAMETER

(d1)

mmØ

OUTSIDE DIAMETER

(d2)

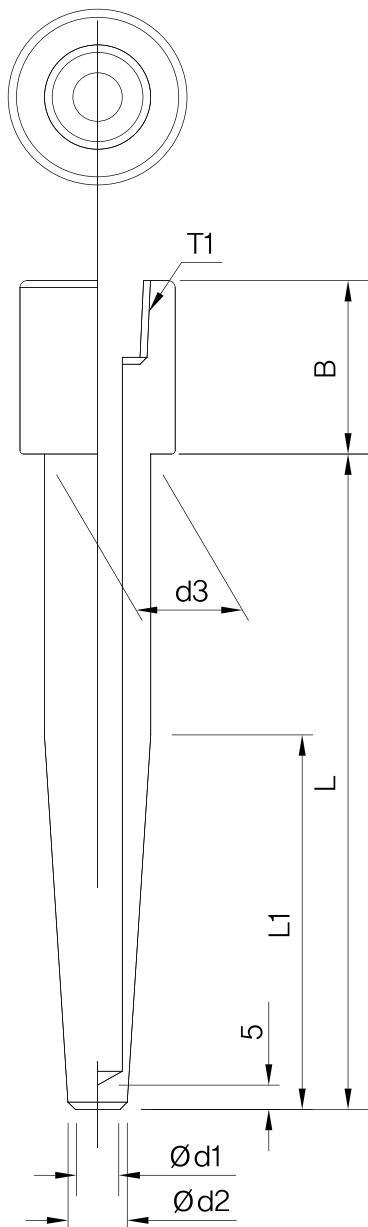
mmØ

OUTSIDE DIAMETER

(d3)

mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE THERMOWELL				
△										
NO	DATE	DESCRIPTION		DR,N	CH,D	MODEL : KW-3013				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
						DWG. No. KW-33013				SHT.



SPECIFICATION

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

4. HEX. DIAMETER (B) mm

5. IMMERSION LENGTH (L) mm

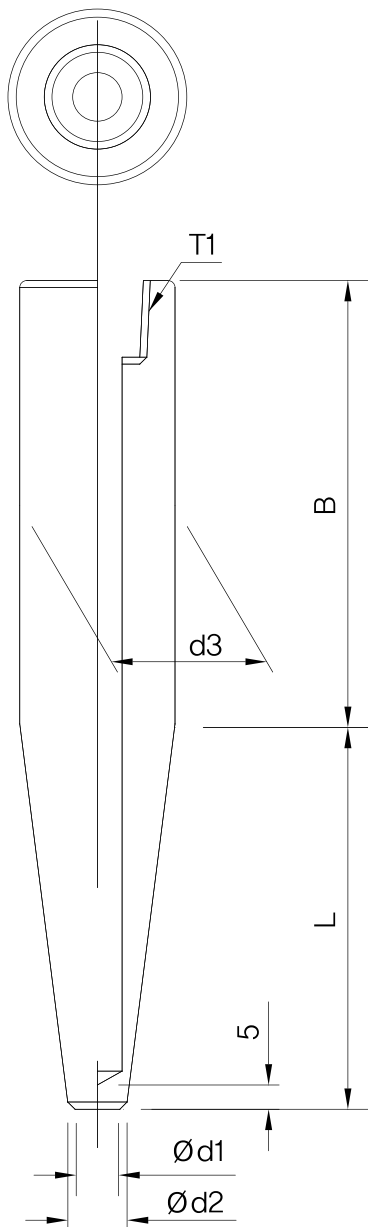
LENGTH (L1) mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE THERMOWELL				
△										
NO	DATE	DESCRIPTION		DR,N	CH,D	MODEL : KW-3014				
REVISIONS						DATEAPPROVEDCHECKEDDESIGNEDDRAWN				
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
						DWG. No. KW-33014				SHT.



— SPECIFICATION

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

4. HEX. DIAMETER (B)

mm

5. IMMERSION LENGTH (L)

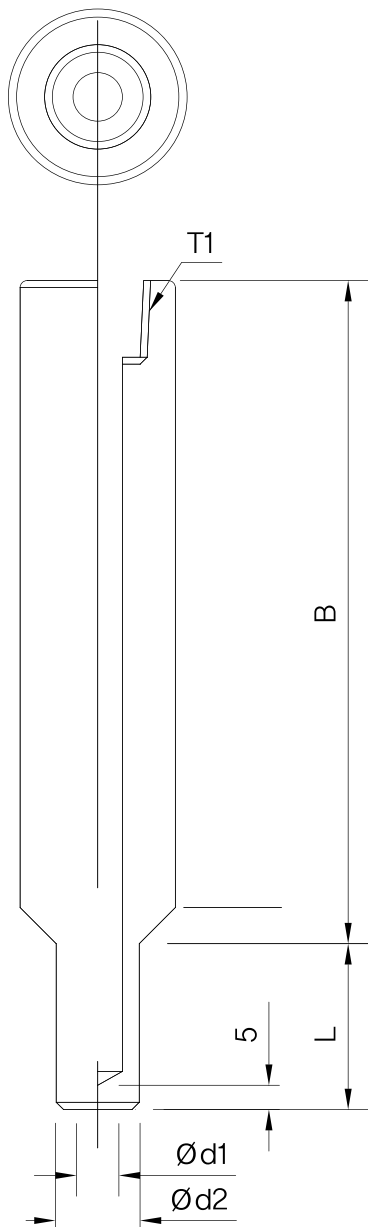
mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE THERMOWELL				
△										
NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KW-3015					
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN	
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
 (주)온도센서테크					DWG. No. KW-33015					SHT.

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

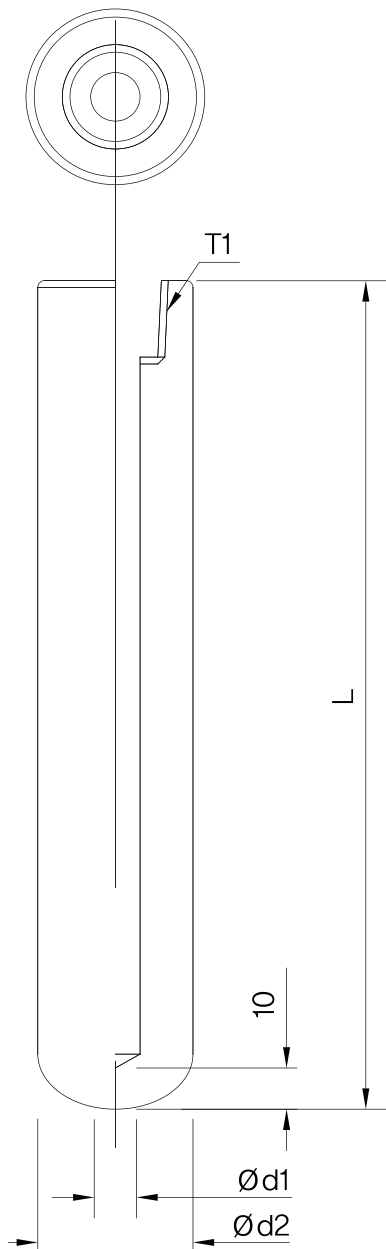
4. HEX. DIAMETER (B) mm**5. IMMERSION LENGTH (L)** mm

INSIDE DIAMETER (d1) mmØ

OUTSIDE DIAMETER (d2) mmØ

OUTSIDE DIAMETER (d3) mmØ

△									
△									
△									
△									
NO	DATE	DESCRIPTION		DR,N	CH,D				
REVISIONS						TITLE THERMOWELL MODEL : KW-3016			
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
(주)온도센서테크						DWG. No. KW-33016			SHT.

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. DRILLED BAR STOCK

WELDING TYPE

2. MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐

4. HEX. DIAMETER (B)

mm

5. IMMERSION LENGTH (L)

mm

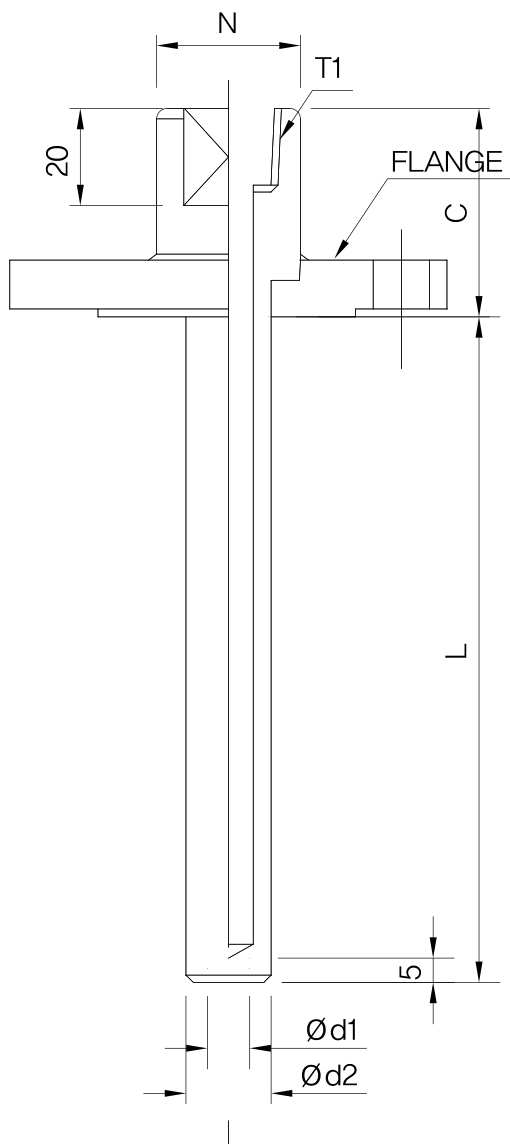
INSIDE DIAMETER (d1)

mmØ

OUTSIDE DIAMETER (d2)

mmØ

△									
△						No.	PARTS NAME	MATERIAL	QTY
△						TITLE			
△						THERMOWELL			
NO						MODEL : KW-3018			
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
(주)온도센서테크						DWG. No.		KW-33018	
						SHT.			



SPECIFICATION

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK STRAIGHT TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

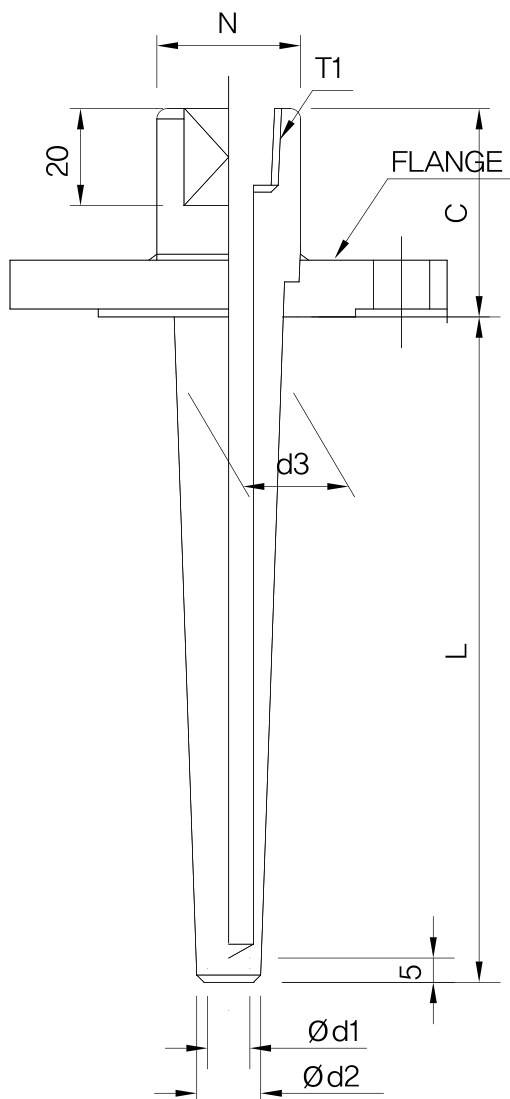
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE THERMOWELL MODEL : KW-4011				
△									
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS									
REMARKS	SCALE	DIMENSIONS			DATE	APPROVED	CHECKED	DESIGNED	DRAWN
	N/S	MILLIMETERS							
					DWG. No.			KW-44011	
								SHT.	

**— SPECIFICATION**

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

TAPER TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

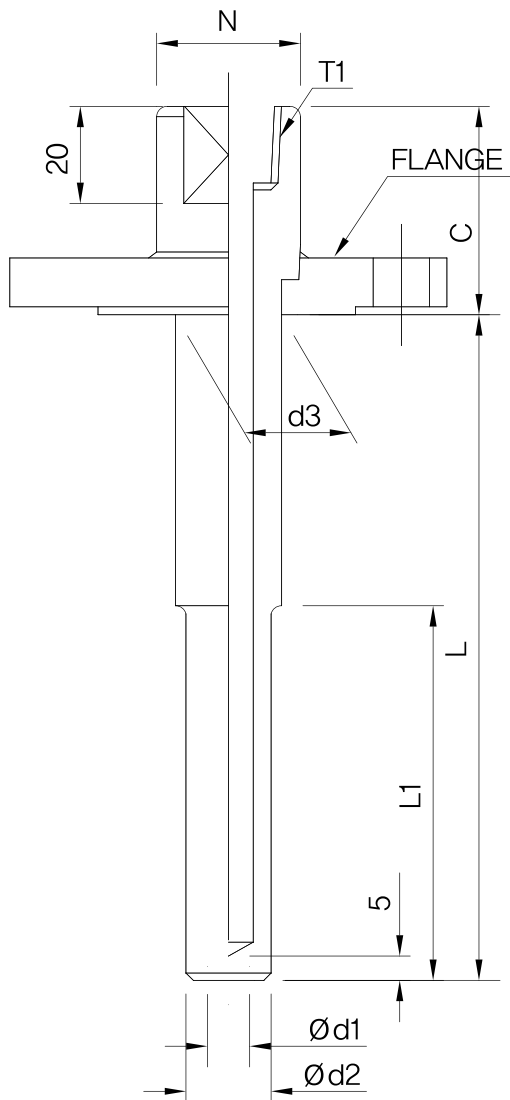
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△																	
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS								
△					TITLE THERMOWELL MODEL : KW-4012												
△																	
NO	DATE	DESCRIPTION	DR,N	CH,D	REVISIONS <table border="1"> <tr> <td>REMARKS</td> <td>SCALE</td> <td>DIMENSIONS</td> <td></td> </tr> <tr> <td></td> <td>N/S</td> <td>MILLIMETERS</td> <td></td> </tr> </table>					REMARKS	SCALE	DIMENSIONS			N/S	MILLIMETERS	
REMARKS	SCALE	DIMENSIONS															
	N/S	MILLIMETERS															
(주)온도센서테크					DWG. No. KW-44012												
					SHT.												



SPECIFICATION

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

STEP TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

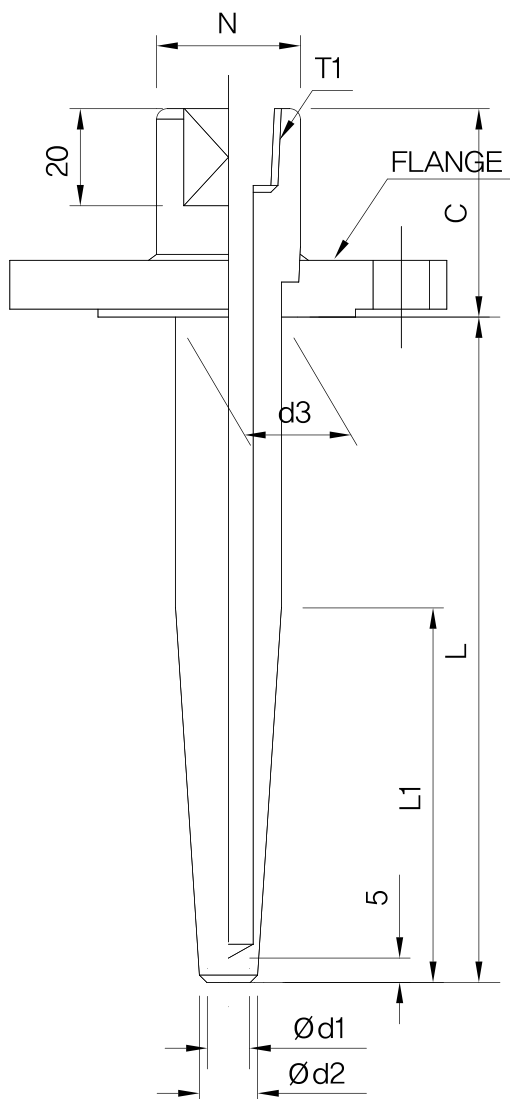
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOWELL				
NO					MODEL : KW-4013				
DATE					APPROVED	CHECKED	DESIGNED	DRAWN	
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.		KW-44013		SHT.

**– SPECIFICATION**

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

STEP TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

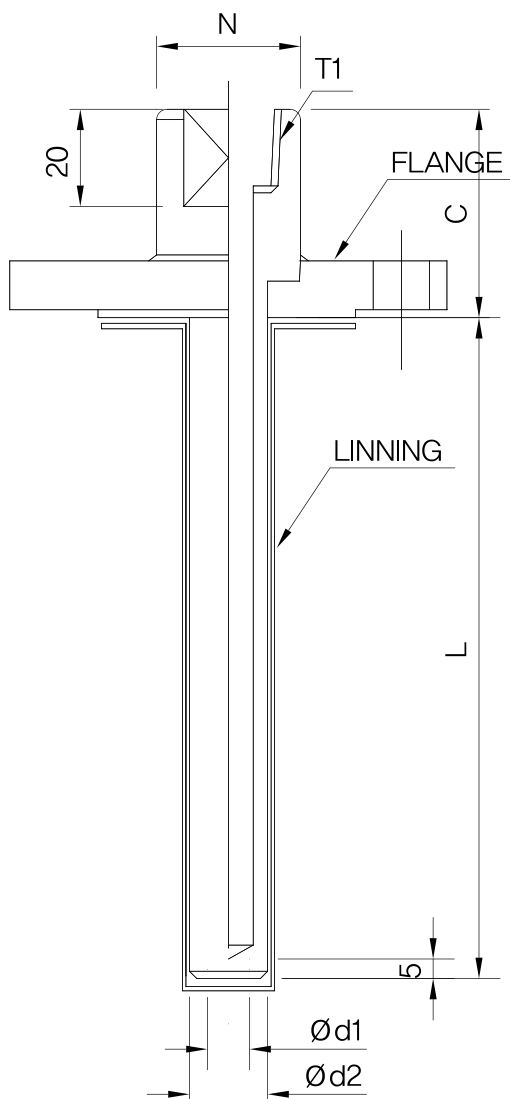
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
LENGTH	(L1)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ
OUTSIDE DIAMETER	(d3)	mmØ

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOWELL				
NO					MODEL : KW-4014				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No. KW-44014				
					SHT.				



SPECIFICATION

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

STRAIGHT TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

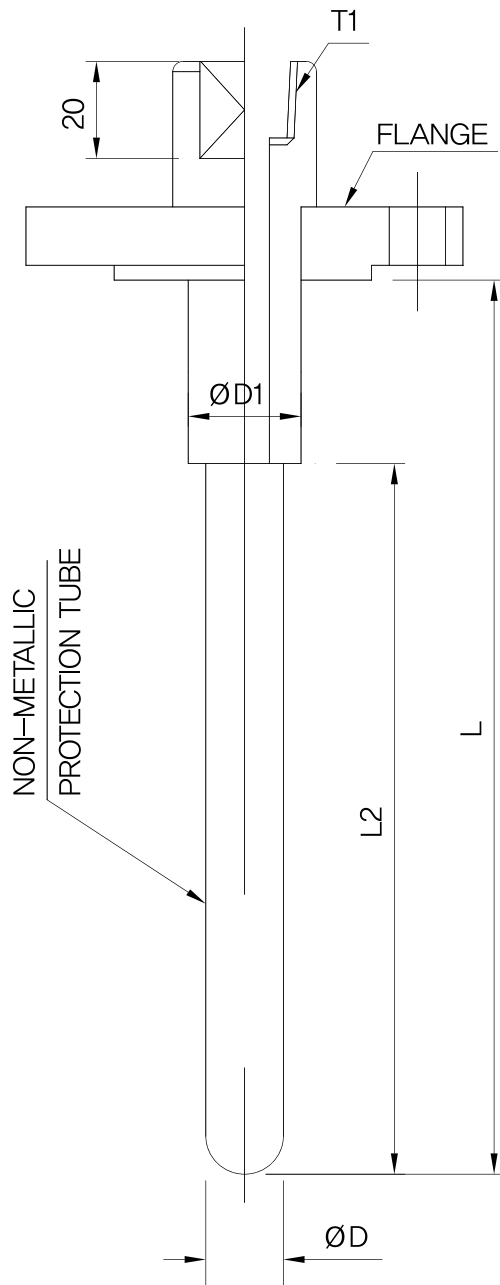
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△																			
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS										
△					TITLE THERMOWELL MODEL : KW-4015														
△																			
NO	DATE	DESCRIPTION	DR,N	CH,D	REVISIONS <table border="1"> <tr> <td>DATE</td> <td>APPROVED</td> <td>CHECKED</td> <td>DESIGNED</td> <td>DRAWN</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					DATE	APPROVED	CHECKED	DESIGNED	DRAWN					
DATE	APPROVED	CHECKED	DESIGNED	DRAWN															
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS																
					DWG. No.		KW-44015		SHT.										



— SPECIFICATION

NON-METALLIC PROTECTION TUBE WELL

1. SUPPORT TUBE

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

2. FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. FLANGE SIZE

4. THREAD ☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

5. NON-METALLIC PROTECTION TUBE

ALUMINA PROTECTION TUBE

☐ PT0 ☐ PT1 ☐ PT2 ☐ OTHERS

SILICON CARBIDE PROTECTION TUBE

☐ Y1 ☐ Y2 ☐ Y3 ☐ Y4 ☐ OTHERS

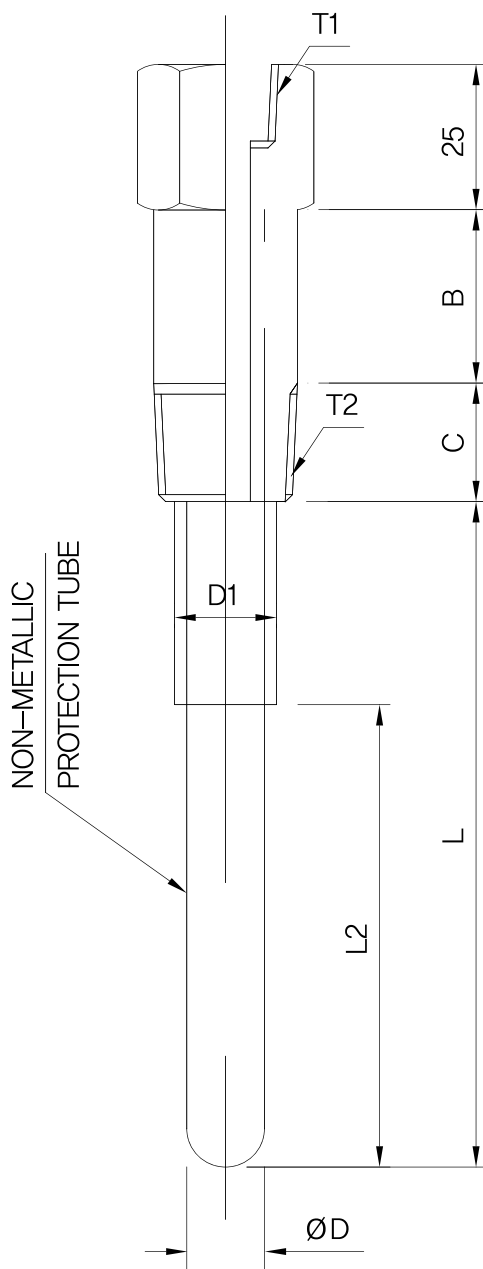
6. DIAMETER (D) mmØ

DIAMETER (D1) mmØ

LENGTH (L) mm

LENGTH (L2) mm

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						PROTECTION TUBE				
NO						MODEL : KW-4016				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
(주)온도센서테크						DWG. No.				SHT.
						KW-44016				



— SPECIFICATION

NON-METALLIC PROTECTION TUBE WELL

1. SUPPORT TUBE

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

2. NON-METALLIC PROTECTION TUBE

ALUMINA PROTECTION TUBE

☐ PT0 ☐ PT1 ☐ PT2 ☐ OTHERS

SILICON CARBIDE PROTECTION TUBE

☐ Y1 ☐ Y2 ☐ Y3 ☐ Y4 ☐ OTHERS

3. THREAD

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

4. DIAMETER (D)

mmØ

DIAMETER (D1)

mmØ

LENGTH (C)

mm

LENGTH (B)

mm

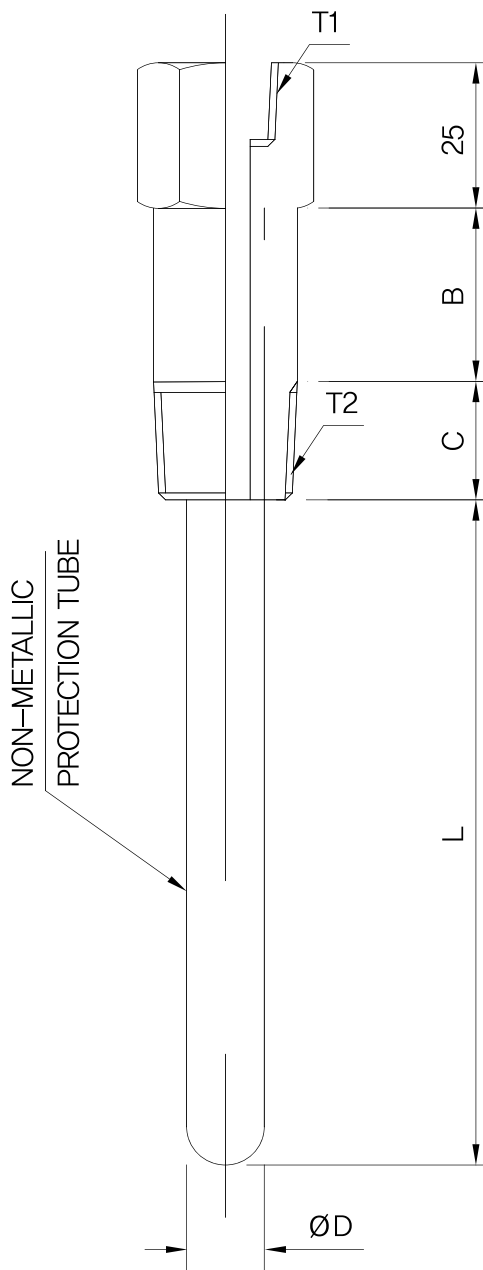
LENGTH (L)

mmØ

LENGTH (L1)

mm

△									
△						No.	PARTS NAME	MATERIAL	QTY
△						TITLE			
△						PROTECTION TUBE			
NO						MODEL : KW-4017			
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
						DWG. No.		KW-44017	
						SHT.			



— SPECIFICATION

NON-METALLIC PROTECTION TUBE WELL

1. SUPPORT TUBE

- ☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

2. NON-METALLIC PROTECTION TUBE

ALUMINA PROTECTION TUBE

- ☐ PT0 ☐ PT1 ☐ PT2 ☐ OTHERS

SILICON CARBIDE PROTECTION TUBE

- ☐ Y1 ☐ Y2 ☐ Y3 ☐ Y4 ☐ OTHERS

3. THREAD

- ☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

4. DIAMETER (D)

mmØ

LENGTH (C)

mm

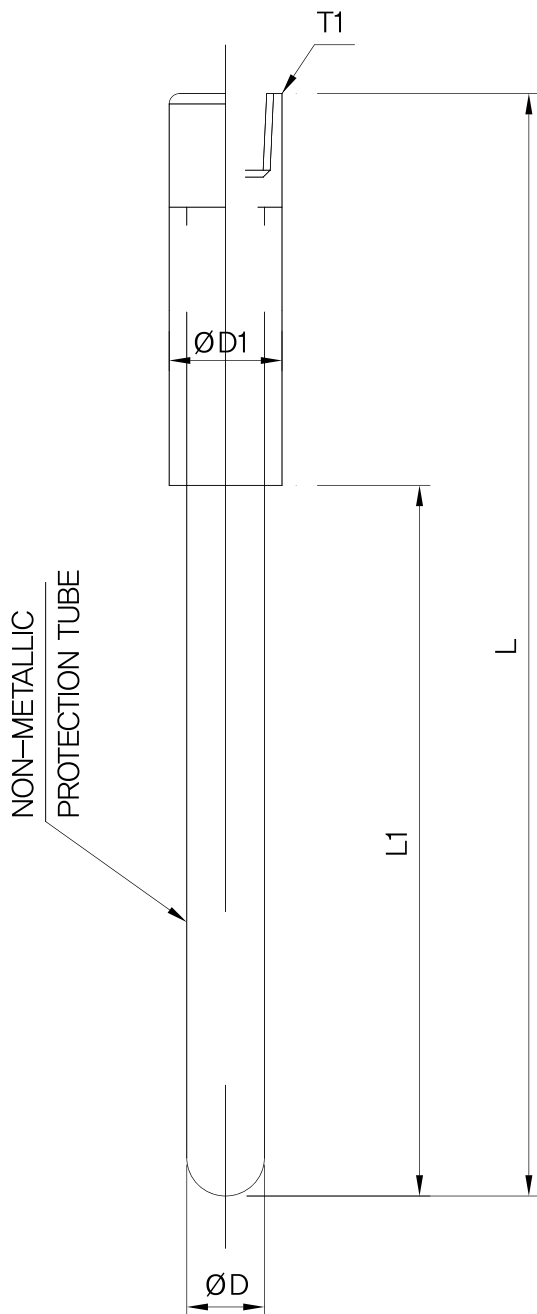
LENGTH (B)

mm

LENGTH (L)

mmØ

△									
△						No.	PARTS NAME	MATERIAL	QTY
△						TITLE			
△						PROTECTION TUBE			
NO						MODEL : KW-4018			
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
(주)온도센서테크						DWG. No.		KW-44018	
						SHT.			



— SPECIFICATION

NON-METALLIC PROTECTION TUBE WELL

1. SUPPORT TUBE

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

2. NON-METALLIC PROTECTION TUBE

ALUMINA PROTECTION TUBE

☐ PT0 ☐ PT1 ☐ PT2 ☐ OTHERS

SILICON CARBIDE PROTECTION TUBE

☐ Y1 ☐ Y2 ☐ Y3 ☐ Y4 ☐ OTHERS

3. THREAD

☐ PT ☐ PF ☐ NPT ☐
☐ 1/2" ☐ 3/4" ☐ 1" ☐

4. DIAMETER (D)

mmØ

DIAMETER (D1)

mmØ

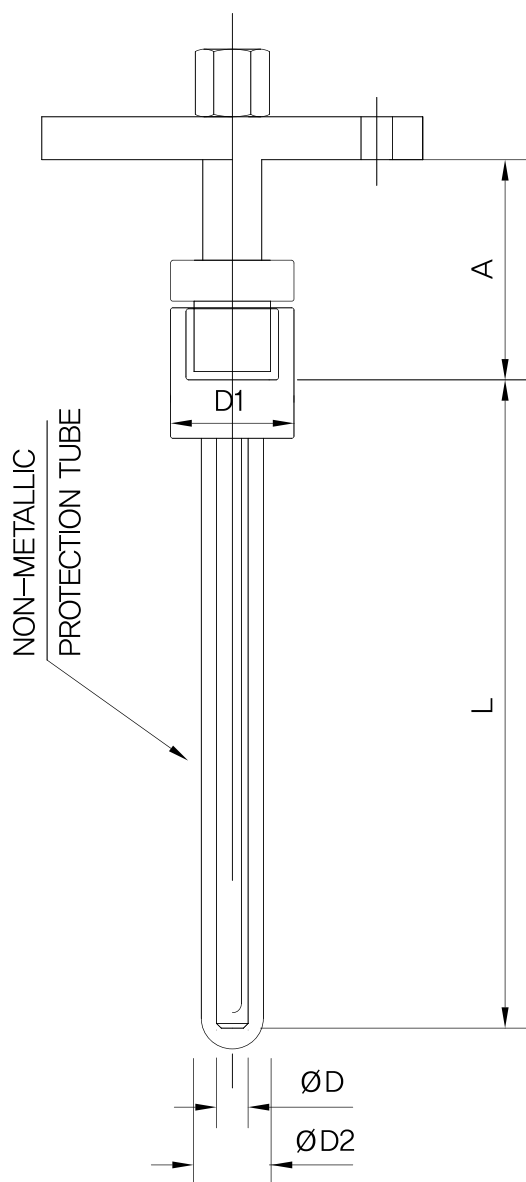
LENGTH (L)

mm

LENGTH (L1)

mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					PROTECTION TUBE				
NO					MODEL : KW-4019				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
(주)온도센서테크					DWG. No. KW-44019				SHT.



SPECIFICATION

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

STRAIGHT TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316

☐ OTHERS

3. INSIDE THREAD (T1)

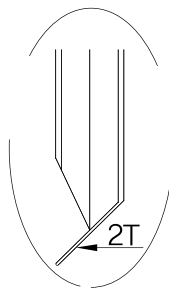
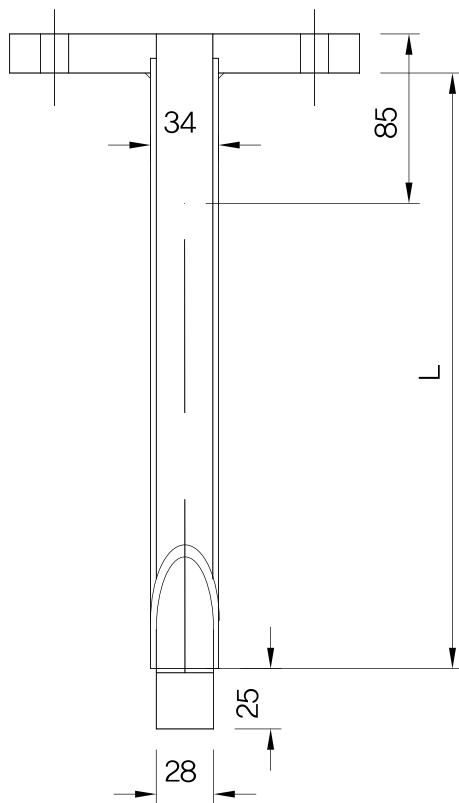
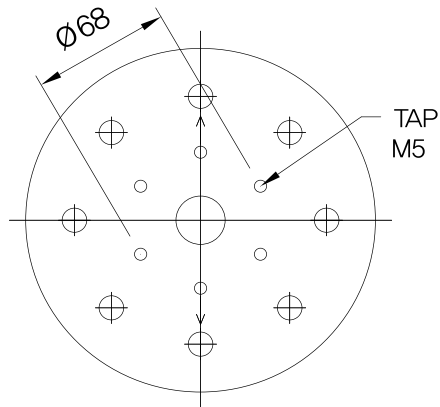
☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐

4. FLANGE SIZE

5. DIA	(N)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm
INSIDE DIAMETER	(d1)	mmØ
OUTSIDE DIAMETER	(d2)	mmØ

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						THERMOWELL				
NO						MODEL : KW-4020				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
						DWG. No. KW-44020				SHT.



SPECIFICATION

This type is suitable for high temperature and pressure.

1. FLANGE TYPE DRILLED BAR STOCK

STRAIGHT TYPE

2. WELL MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

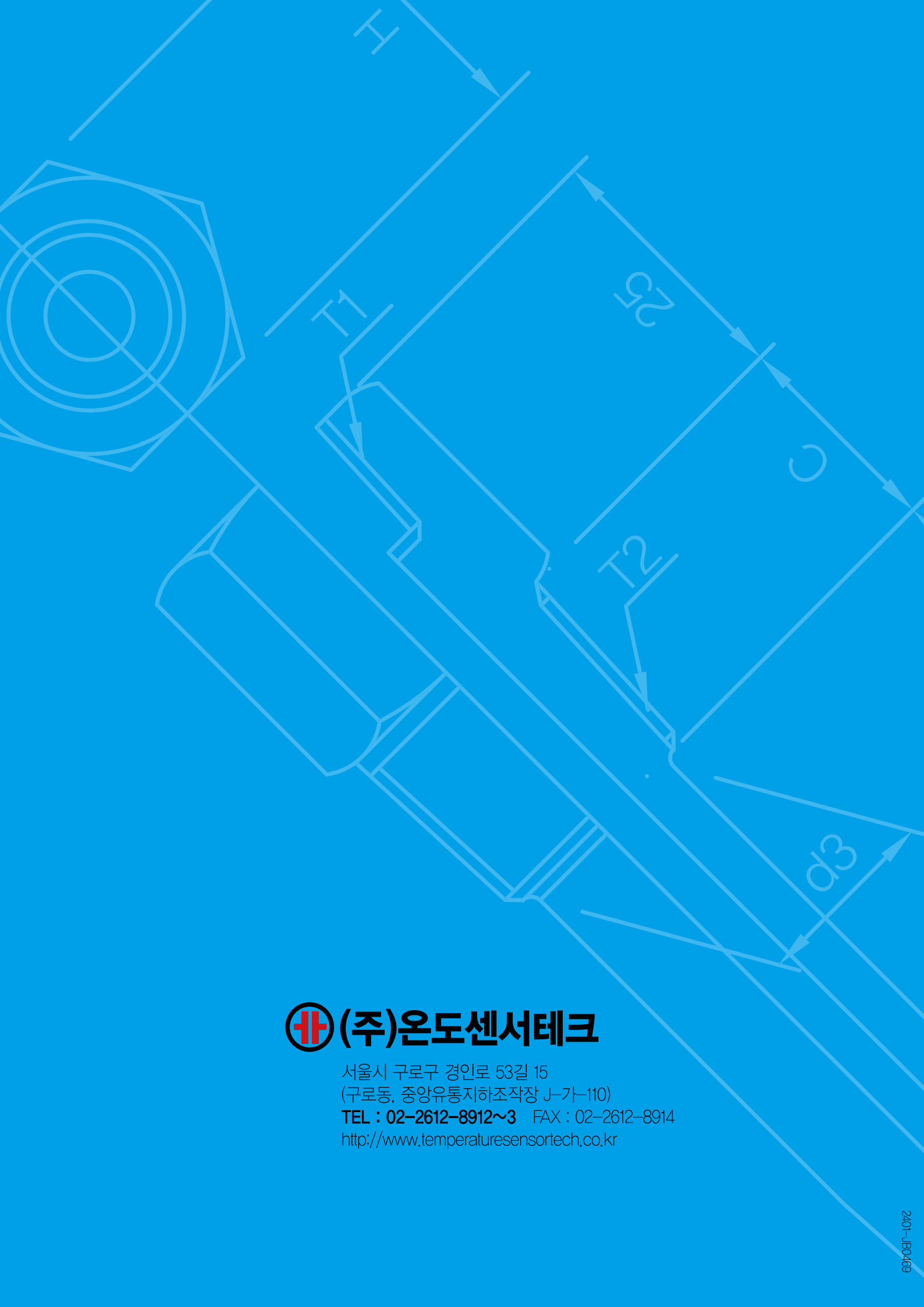
FLANGE MATERIAL

☐ SUS304 ☐ SUS310 ☐ SUS316
☐ OTHERS

3. FLANGE SIZE

4. DIA	(D1)	mmØ
LENGTH	(C)	mm
IMMERSION LENGTH	(L)	mm

△											
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS	
△						TITLE THERMOWELL					
△											
NO	DATE	DESCRIPTION			DR.N	MODEL : KW-4021					
REVISIONS						DATE					
REMARKS		SCALE		DIMENSIONS							DRAWN
		N/S		MILLIMETERS							
Ⓢ (주)온도센서테크						DWG. No.					SHT.
						KW-44021					



(주)온도센서테크

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