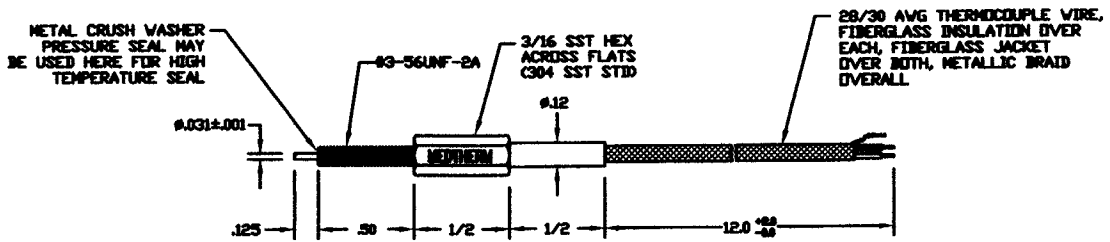
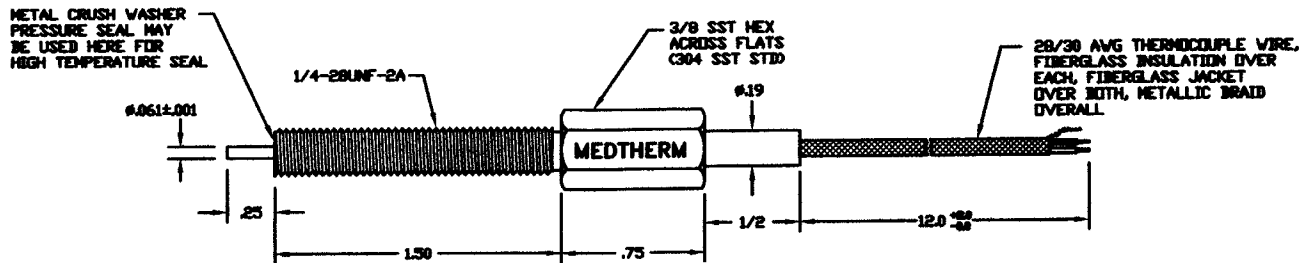


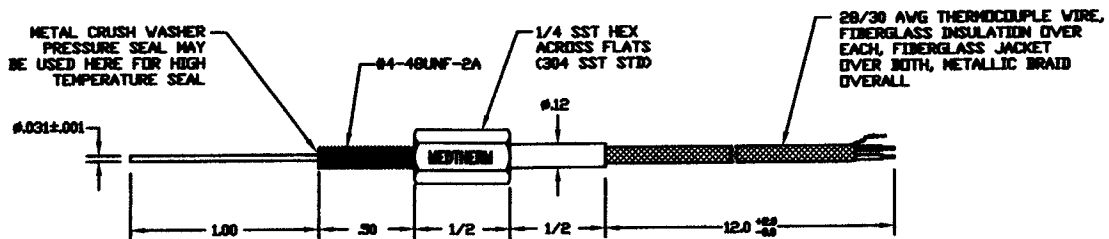
TCS-101-M-540



TCS-102-M-549



TCS-103-M-545



TCS-104-M-518

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is $\phi.031$ or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual junction drawings and Bulletin 500 for full specifications.

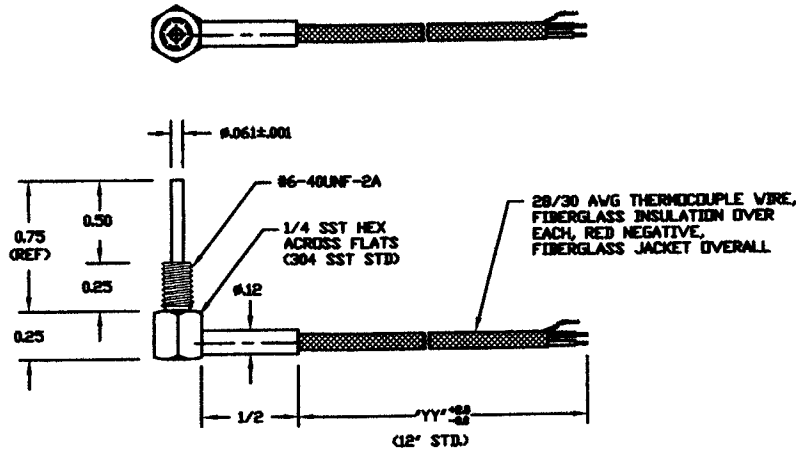
"M"	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
S	PLATINUM/Pt ($\phi.015$ or $\phi.031$)
FeNi	IRON/NICKEL

(OTHERS AVAILABLE)

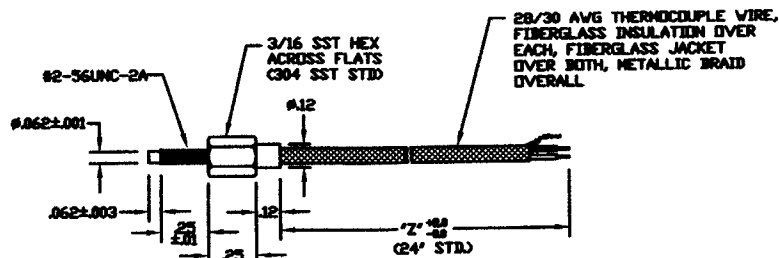


有限会社テクノオフィス

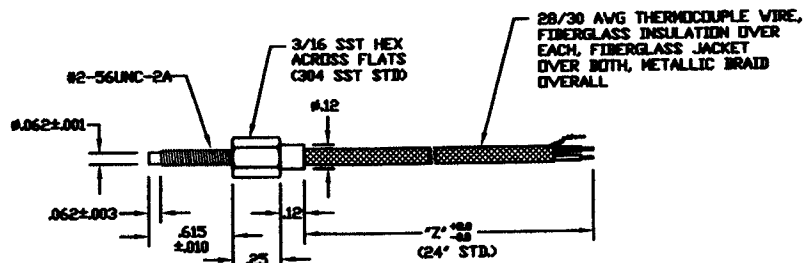
〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: <http://www.techno-office.com>



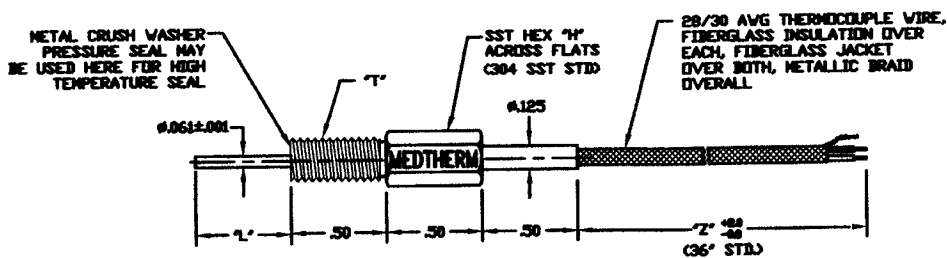
TCS-061-M-YY-10670



TCS-061-M-YY-10992



TCS-061-M-YY-10992A



TCS-061-M-L-T-Z-11038

"T"	THREAD	"H" (in)
2C	#2-56UNC-2A	1/8
3F	#3-56UNF-2A	3/16
4F	#4-48UNF-2A	3/16
5C	#5-40UNC-2A	3/16
6F	#6-40UNF-2A	1/4
6C	#6-32UNC-2A	1/4
8F	#8-36UNF-2A	1/4
8C	#8-32UNC-2A	1/4
10F	#10-32UNF-2A	3/8
10C	#10-24UNC-2A	3/8
25F	1/4-28UNF-2A	3/8
25C	1/4-20UNC-2A	3/8

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is #.031 or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual drawings and Bulletin 500 for full specifications.

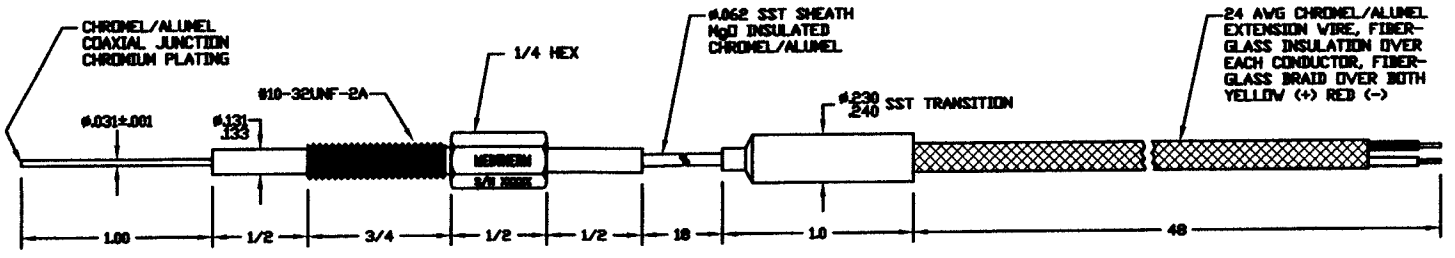
"M"	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
S	PT100/Pt (.015 or .031)
FeNi	IRON/NICKEL

(OTHERS AVAILABLE)

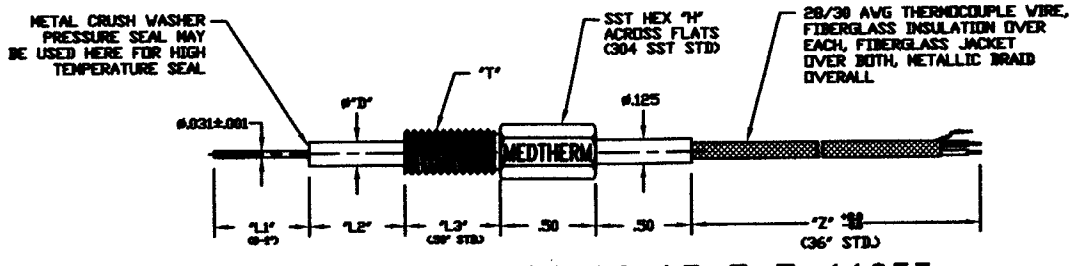


有限会社テクノオフィス

〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: <http://www.techno-office.com>

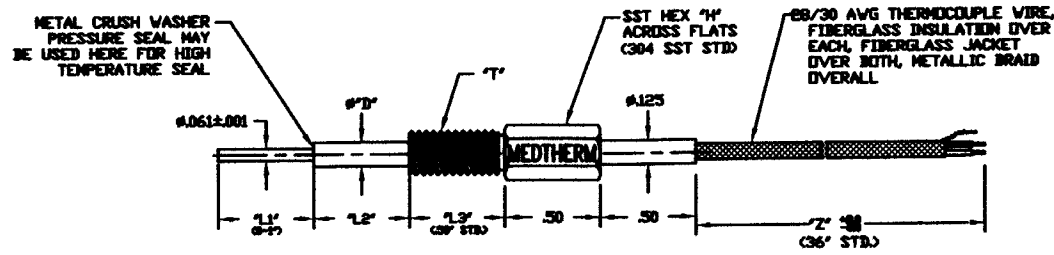


TCS-031-K-18-48-1036A



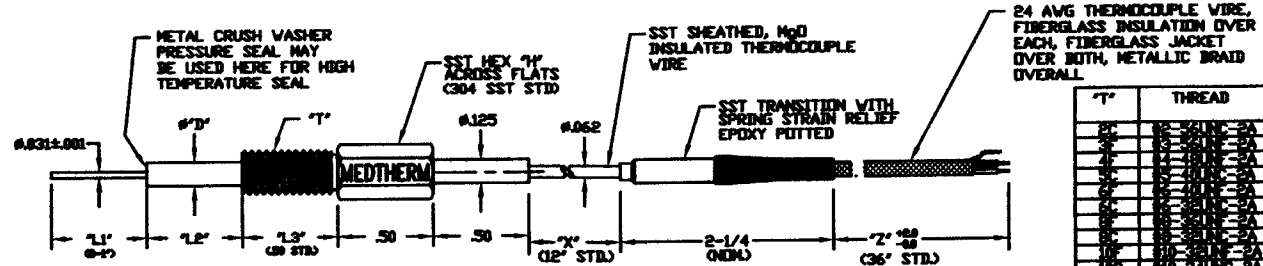
TCS-031-M-L1-L2-L3-T-Z-11033

T	THREAD	Ø.36 STD	Ø.75
K	1/2-20 UNF-2A	Ø.36	1/8
K	3/8-24 UNF-2A	Ø.36	3/16
K	1/4-28 UNF-2A	Ø.36	3/16
J	1/2-20 UNF-2A	Ø.36	1/4
J	3/8-24 UNF-2A	Ø.36	1/4
J	1/4-28 UNF-2A	Ø.36	1/4
E	1/2-20 UNF-2A	Ø.36	3/8
E	3/8-24 UNF-2A	Ø.36	3/8
E	1/4-28 UNF-2A	Ø.36	3/8
S	1/2-20 UNF-2A	Ø.36	3/8
S	3/8-24 UNF-2A	Ø.36	3/8
S	1/4-28 UNF-2A	Ø.36	3/8



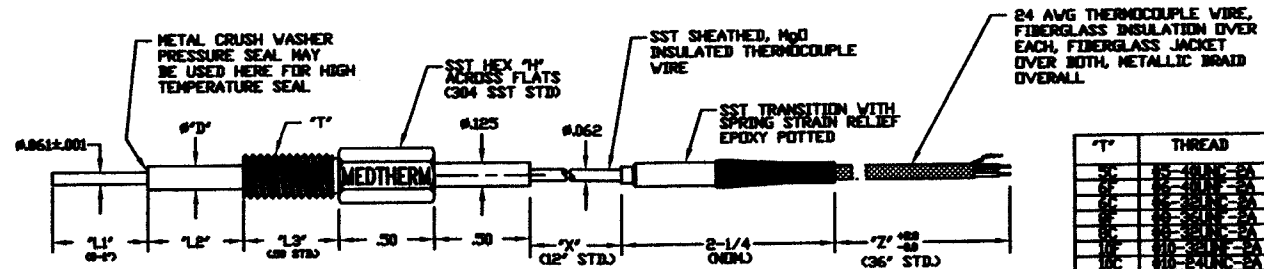
TCS-061-M-L1-L2-L3-T-Z-11034

T	THREAD	Ø.36 STD	Ø.75
K	1/2-20 UNF-2A	Ø.36	3/16
K	3/8-24 UNF-2A	Ø.36	1/4
K	1/4-28 UNF-2A	Ø.36	1/4
J	1/2-20 UNF-2A	Ø.36	1/4
J	3/8-24 UNF-2A	Ø.36	1/4
J	1/4-28 UNF-2A	Ø.36	1/4
E	1/2-20 UNF-2A	Ø.36	3/8
E	3/8-24 UNF-2A	Ø.36	3/8
E	1/4-28 UNF-2A	Ø.36	3/8
S	1/2-20 UNF-2A	Ø.36	3/8
S	3/8-24 UNF-2A	Ø.36	3/8
S	1/4-28 UNF-2A	Ø.36	3/8



TCS-031-M-L1-L2-L3-T-X-Z-11035

T	THREAD	Ø.36 STD	Ø.75
K	1/2-20 UNF-2A	Ø.36	1/8
K	3/8-24 UNF-2A	Ø.36	3/16
K	1/4-28 UNF-2A	Ø.36	3/16
J	1/2-20 UNF-2A	Ø.36	1/4
J	3/8-24 UNF-2A	Ø.36	1/4
J	1/4-28 UNF-2A	Ø.36	1/4
E	1/2-20 UNF-2A	Ø.36	3/8
E	3/8-24 UNF-2A	Ø.36	3/8
E	1/4-28 UNF-2A	Ø.36	3/8
S	1/2-20 UNF-2A	Ø.36	3/8
S	3/8-24 UNF-2A	Ø.36	3/8
S	1/4-28 UNF-2A	Ø.36	3/8



TCS-061-M-L1-L2-L3-T-X-Z-11036

T	THREAD	Ø.36 STD	Ø.75
K	1/2-20 UNF-2A	Ø.36	3/16
K	3/8-24 UNF-2A	Ø.36	1/4
K	1/4-28 UNF-2A	Ø.36	1/4
J	1/2-20 UNF-2A	Ø.36	1/4
J	3/8-24 UNF-2A	Ø.36	1/4
J	1/4-28 UNF-2A	Ø.36	1/4
E	1/2-20 UNF-2A	Ø.36	3/8
E	3/8-24 UNF-2A	Ø.36	3/8
E	1/4-28 UNF-2A	Ø.36	3/8
S	1/2-20 UNF-2A	Ø.36	3/8
S	3/8-24 UNF-2A	Ø.36	3/8
S	1/4-28 UNF-2A	Ø.36	3/8

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is #.031 or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual drawings and Bulletin 500 for full specifications.

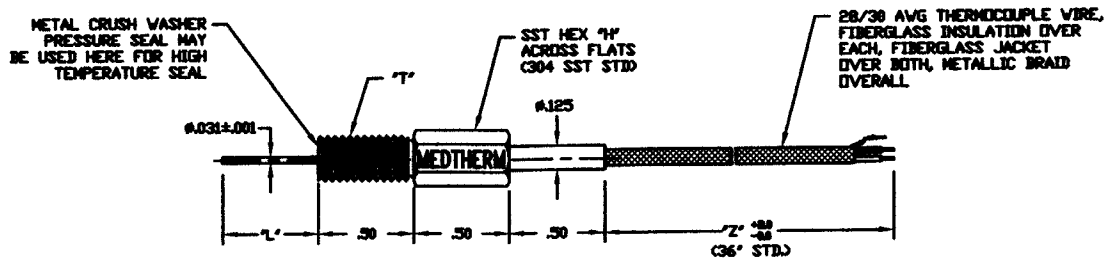
T	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
S	P-1000/Pt (#.015 or #.031)
FcNi	IRON/NICKEL

(OTHERS AVAILABLE)

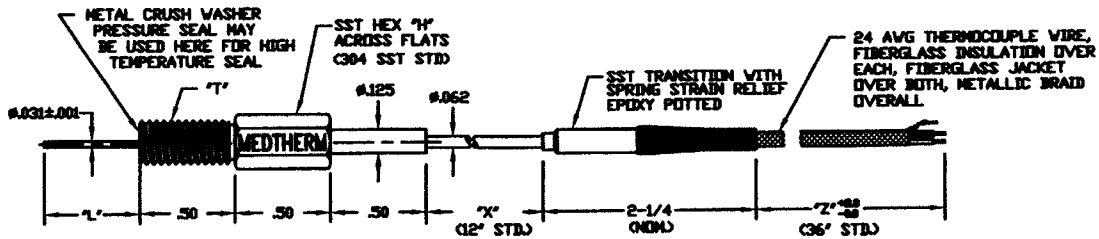


有限会社テクノオフィス

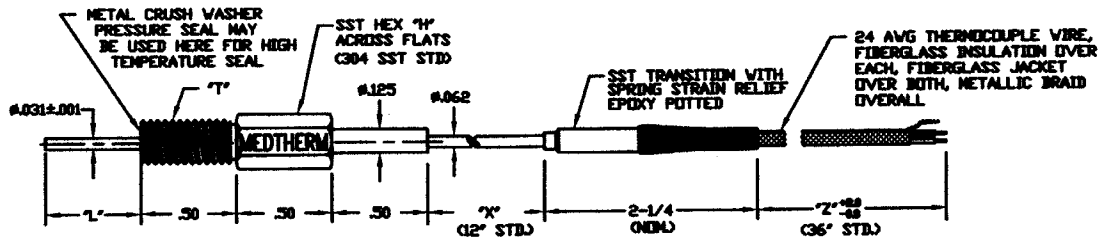
〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: http://www.techno-office.com



TCS-031-M-L-T-Z-11037



TCS-031-M-L-T-X-Z-11039



TCS-061-M-L-T-X-Z-11040

"T"	THREAD	"H" OD
2C	#2-56UNC-2A	1/8
3F	#3-56UNF-2A	3/16
4F	#4-48UNF-2A	3/16
5C	#5-40UNC-2A	3/16
6F	#6-40UNF-2A	1/4
6C	#6-32UNC-2A	1/4
8F	#8-36UNF-2A	1/4
8C	#8-32UNC-2A	1/4
10F	#10-32UNF-2A	3/8
10C	#10-24UNC-2A	3/8
.25F	1/4-28UNF-2A	3/8
.25C	1/4-20UNC-2A	3/8

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is #.031 or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual drawings and Bulletin 500 for full specifications.

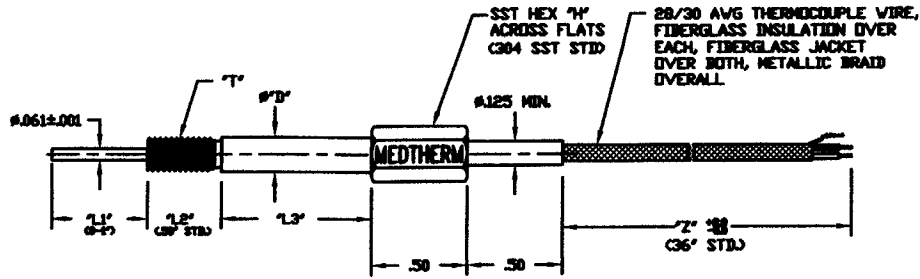
"H"	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
S	PL108h/PE (#.015 or #.031)
FeNi	IRON/NICKEL

(OTHERS AVAILABLE)

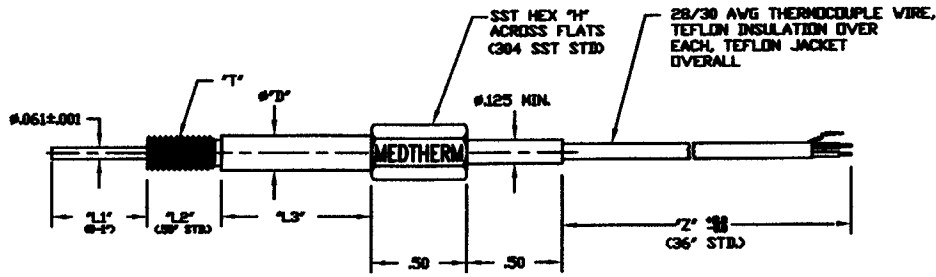


有限会社テクノオフィス

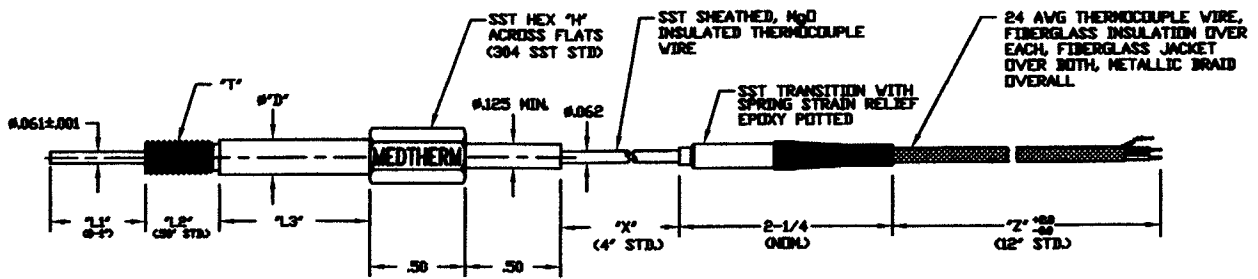
〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: <http://www.techno-office.com>



TCS-061-M-L1-L2-L3-T-Z-11482



TCS-061-M-L1-L2-L3-T-Z-11483



TCS-061-M-L1-L2-L3-T-X-Z-11484

If desired, specify an o-ring location along the diameter "D" for sealing on the cylindrical surface.

To order specify the following in the P/N:

- 'M' - Thermocouple material designation
- 'L1' - Length (inches) of the Ø.062 section
- 'L2' - Length (inches) of the threaded section
- 'L3' - Length (inches) of the ØD section
- 'T' - Standard thread designation
- 'X' - Length (") of sheathed MgO insulated wire
- 'Z' - The length (inches) of leadwire

'T'	THREAD	Ø'D' (in)	'H' (in)
5C	#5-40UNC-2A	.155	3/16
6F	#6-40UNF-2A	.164	1/4
6C	#6-32UNC-2A	.164	1/4
8F	#8-36UNF-2A	.194	1/4
8C	#8-32UNC-2A	.194	1/4
10F	#10-32UNF-2A	.226	3/8
10C	#10-24UNC-2A	.226	3/8
12F	#12-28UNF-2A	.240	3/8
12C	#12-24UNC-2A	.240	3/8

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is Ø.031 or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual drawings and Bulletin 500 for full specifications.

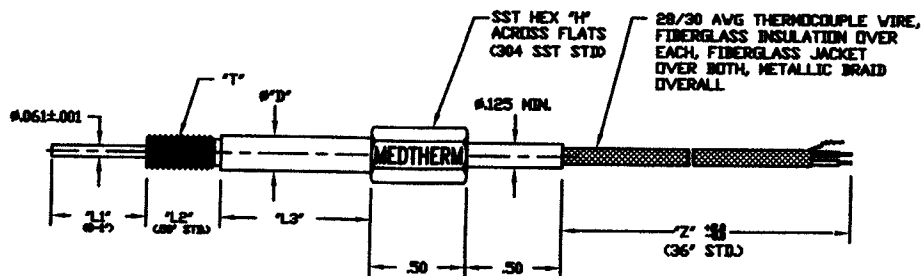
'M'	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
FcNi	IRON/NICKEL

(OTHERS AVAILABLE)

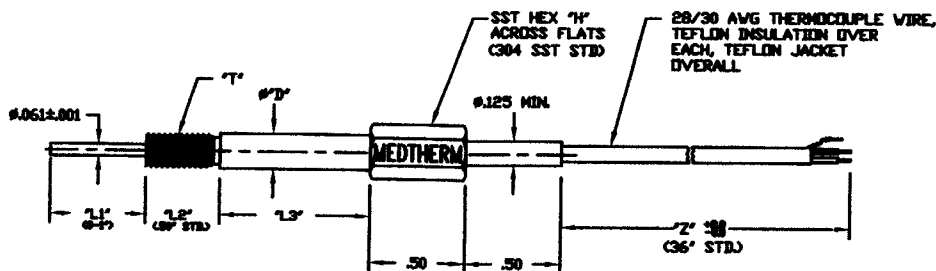


有限会社テクノオフィス

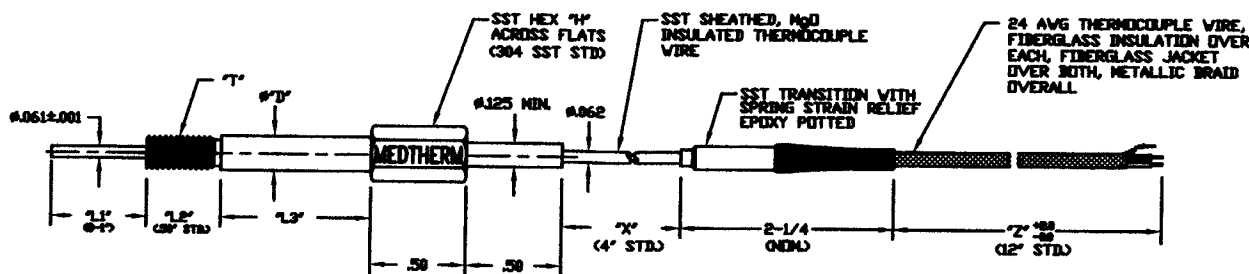
〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: <http://www.techno-office.com>



TCS-061-M-L1-L2-L3-T-Z-11485



TCS-061-M-L1-L2-L3-T-Z-11486



TCS-061-M-L1-L2-L3-T-X-Z-11487

The above thermocouples are designed for sealing with standard compression fittings on diameter "D".

To order specify the following in the P/N:

- "M" - Thermocouple material designation
- "L1" - Length (inches) of the 0.062 section
- "L2" - Length (inches) of the threaded section
- "L3" - Length (inches) of the 0.125 section
- "T" - Standard thread designation
- "X" - Length (") of sheathed MgO insulated wire
- "Z" - The length (inches) of leadwire

"T"	THREAD	Ø"D" (in)	"H" (in)
5C	#5-40UNC-2A	.156	3/16
6F	#6-40UNF-2A	.187	1/4
6C	#6-32UNC-2A	.187	1/4
8F	#8-36UNF-2A	.187	1/4
8C	#8-32UNC-2A	.187	1/4
10F	#10-32UNF-2A	.250	3/8
10C	#10-24UNC-2A	.250	3/8
12F	#12-28UNF-2A	.250	3/8
12C	#12-24UNC-2A	.250	3/8

NOTES:

1. The above are coaxial surface thermocouples. Specify by replacing "M" in the P/N with the desired ISA material code from the table.
2. If the tip diameter is 0.031 or larger, they can be specified as triaxial isolated junction thermocouples by adding U after the "M".
3. See the individual drawings and Bulletin 500 for full specifications.

"M"	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
PtNi	IRON/NICKEL

(OTHERS AVAILABLE)



有限会社テクノオフィス

〒225-0011
 神奈川県横浜市青葉区あざみ野3-20-8-B
 TEL.045-901-9861 FAX.045-901-9522
 URL: <http://www.techno-office.com>