

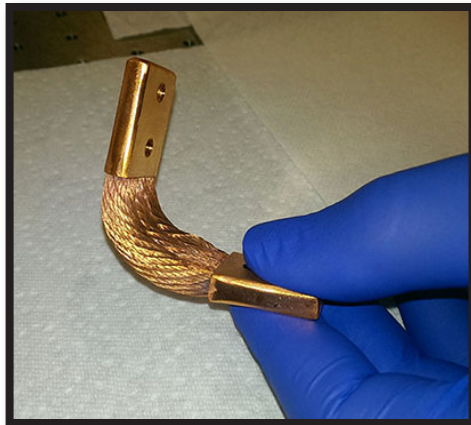


**THERMAL STRAP**  
**CATALOG**



# Flexible Thermal Straps

TMT has developed thermal straps - reliable, flexible, metallic thermal straps that facilitate the transfer of heat while retaining elastic connections between thermal components. Thermal straps are constructed of copper (braid or foil) or aluminum (foil only) and can be produced to meet customer requirements (aluminum straps are only available as custom designs). Flexible thermal straps are used in a wide variety of applications to provide a passive means of transporting heat from source to thermal sink.



## Applications

There are many different scenarios where you need a flexible solutions for transporting heat from source to thermal sink. Applications for flexible thermal straps include, but are not limited to:

- Cryogenic shrouds
- Infrared instruments
- Electronic cooling
- Thermoelectrics
- Component testing
- Cryocoolers
- Superconductors
- Cross hinge-cooling
- Heat sinks
- Spacecraft

Thermal straps are relatively simple to implement but require careful system considerations. Typical considerations include cost, operating temperature, thermal conductance, mass, stiffness, geometry, and contamination. When mass is a driver, the optimal material choices depend on specific conductivity ( $k/\rho$ ) and temperature. TMT has a limited number of standard sizes and configurations for faster delivery.

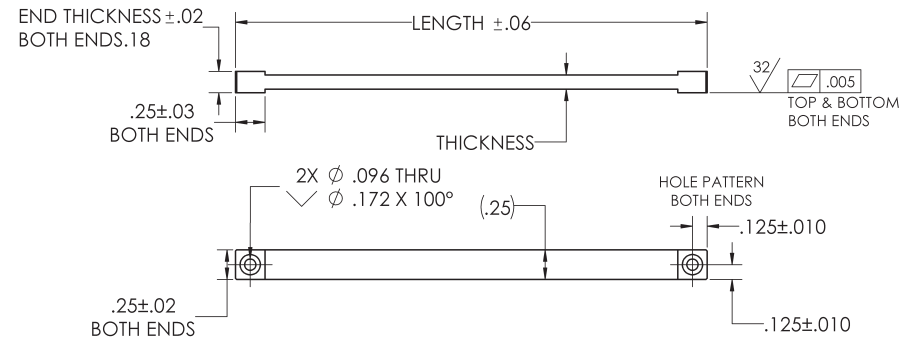
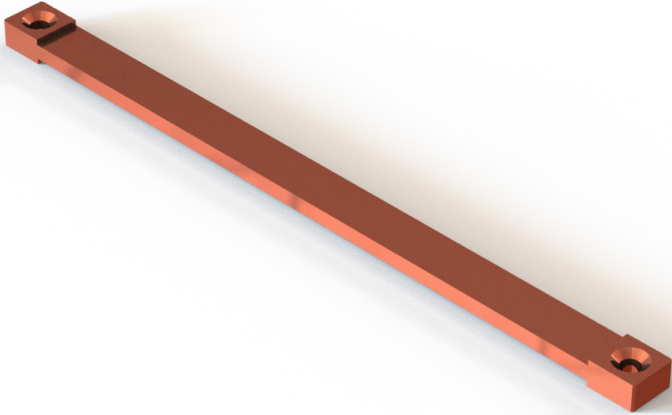
TMT engineers have designed and fabricated a variety of thermal straps from very small instrument thermal straps at 1.6 K/W to large ~50 cm long 90 K chamber heat spreaders at 0.67 K/W. With this in mind, let TMT work with you to make your project successful!

# TMT010-200 Series

Copper foil thermal straps

# TMT010-202

Copper foil - 0.25 in. wide

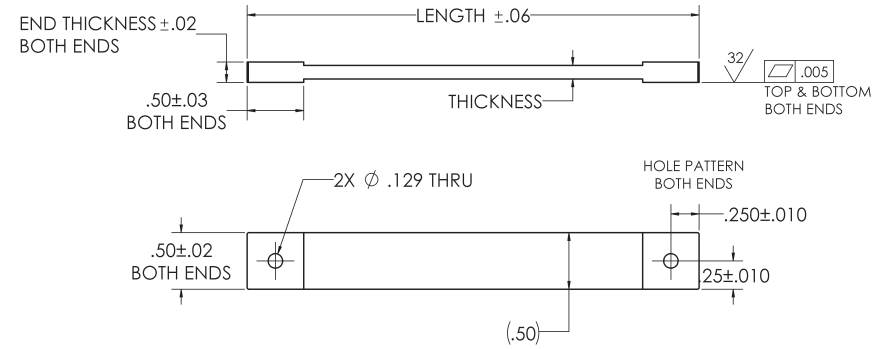
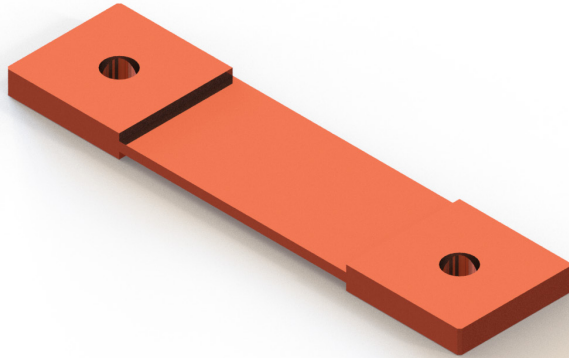


## FTS CONFIGURATIONS

P/N		WIDTH		LENGTH		THICKNESS		END THICKNESS		RESISTANCE (±10 %, K/W)			MASS (±10%)	
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-202	-02-04	6.35	(0.25)	50.80	(2.00)	1.02	(0.04)	2.54	(0.10)	15.88	11.71	8.14	0.004	(0.008)
	-02-08					2.03	(0.08)	3.56	(0.14)	8.18	6.03	4.19	0.007	(0.015)
	-02-12					3.05	(0.12)	4.57	(0.18)	5.54	4.08	2.84	0.009	(0.021)
	-04-04			101.60	(4.00)	1.02	(0.04)	2.54	(0.10)	35.56	26.22	18.24	0.007	(0.015)
	-04-08					2.03	(0.08)	3.56	(0.14)	18.02	13.29	9.24	0.012	(0.028)
	-04-12					3.05	(0.12)	4.57	(0.18)	12.10	8.92	6.21	0.018	(0.040)
	-06-04			152.40	(6.00)	1.02	(0.04)	2.54	(0.10)	55.25	40.73	28.33	0.010	(0.021)
	-06-08					2.03	(0.08)	3.56	(0.14)	27.86	20.54	14.29	0.018	(0.040)
	-06-12					3.05	(0.12)	4.57	(0.18)	18.66	13.76	9.57	0.027	(0.060)

# TMT010-205

Copper foil - 0.5 in. wide

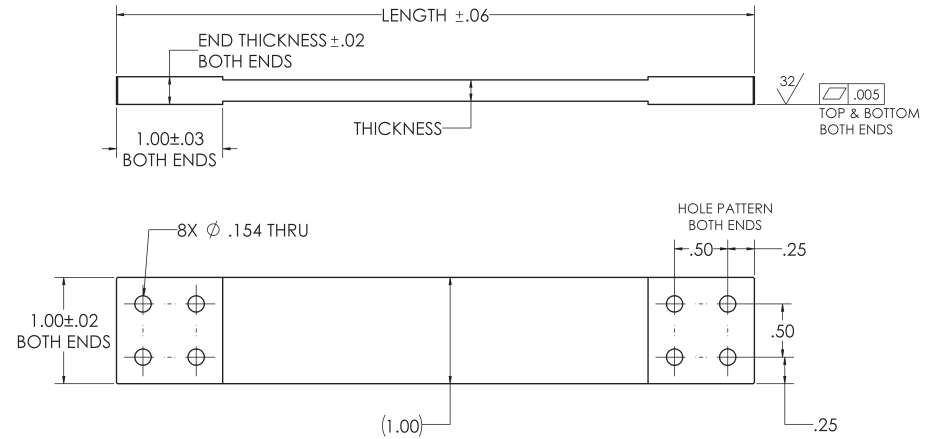
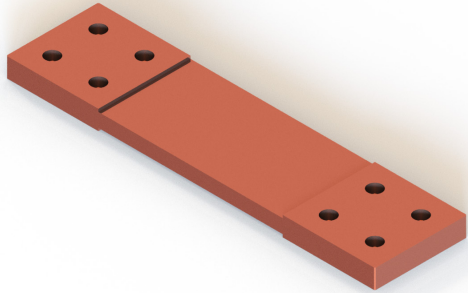


## FTS CONFIGURATIONS

P/N		WIDTH		LENGTH		THICKNESS		END THICKNESS		RESISTANCE (±10 %, K/W)			MASS (±10%)	
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-205	-02-04	12.70	(0.50)	50.80	(2.00)	1.02	(0.04)	2.54	(0.10)	7.94	5.85	4.07	0.008	(0.017)
	-02-08					2.03	(0.08)	3.56	(0.14)	4.09	3.01	2.10	0.014	(0.030)
	-02-12					3.05	(0.12)	4.57	(0.18)	2.77	2.04	1.42	0.019	(0.043)
	-04-04			101.60	(4.00)	1.02	(0.04)	2.54	(0.10)	17.78	13.11	9.12	0.014	(0.030)
	-04-08					2.03	(0.08)	3.56	(0.14)	9.01	6.64	4.62	0.025	(0.056)
	-04-12					3.05	(0.12)	4.57	(0.18)	6.05	4.46	3.10	0.037	(0.081)
	-06-04			152.40	(6.00)	1.02	(0.04)	2.54	(0.10)	27.62	20.37	14.17	0.020	(0.043)
	-06-08					2.03	(0.08)	3.56	(0.14)	13.93	10.27	7.14	0.037	(0.081)
	-06-12					3.05	(0.12)	4.57	(0.18)	9.33	6.88	4.79	0.054	(0.120)

# TMT010-210

Copper foil - 1.0 in. wide

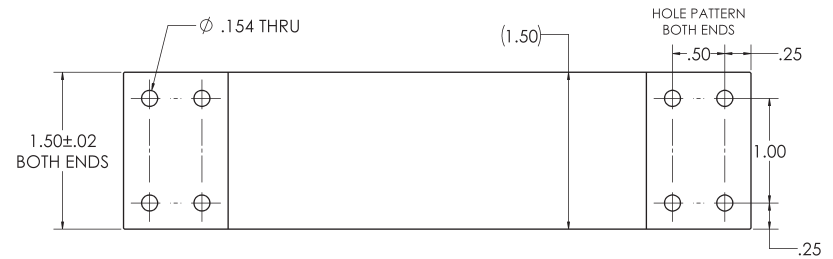
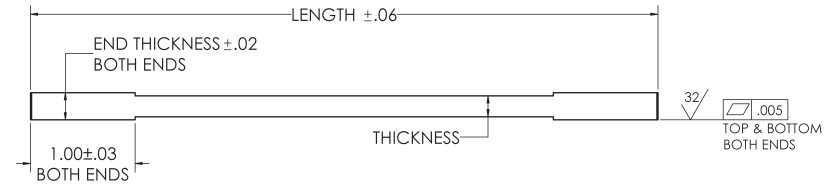
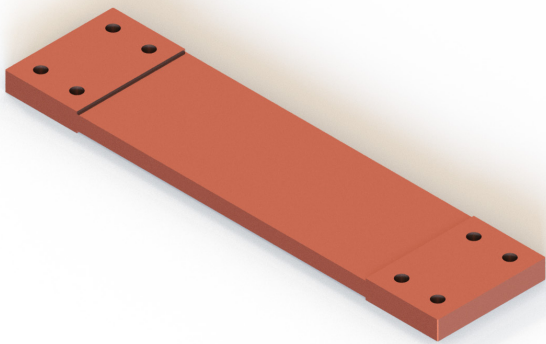


## FTS CONFIGURATIONS

P/N		WIDTH		LENGTH		THICKNESS		END THICKNESS		RESISTANCE (±10 %, K/W)			MASS (±10%)	
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-210	-04-15	25.40	(1.00)	101.60	(4.00)	3.81	(0.15)	5.33	(0.21)	1.82	1.36	0.94	0.101	(0.22)
	-04-20					5.08	(0.20)	6.60	(0.26)	1.39	1.04	0.72	0.129	(0.28)
	-04-25					6.35	(0.25)	7.87	(0.31)	1.13	0.85	0.59	0.157	(0.35)
	-04-30					7.62	(0.30)	9.14	(0.36)	0.95	0.71	0.49	0.185	(0.41)
	-06-15			152.40	(6.00)	3.81	(0.15)	5.33	(0.21)	3.13	2.33	1.62	0.144	(0.32)
	-06-20					5.08	(0.20)	6.60	(0.26)	2.38	1.77	1.23	0.187	(0.41)
	-06-25					6.35	(0.25)	7.87	(0.31)	1.92	1.43	0.99	0.230	(0.51)
	-06-30					7.62	(0.30)	9.14	(0.36)	1.61	1.20	0.83	0.273	(0.60)
	-09-15			228.60	(9.00)	3.81	(0.15)	5.33	(0.21)	5.10	3.78	2.63	0.210	(0.46)
	-09-20					5.08	(0.20)	6.60	(0.26)	3.85	2.86	1.99	0.275	(0.61)
	-09-25					6.35	(0.25)	7.87	(0.31)	3.10	2.30	1.60	0.339	(0.75)
	-09-30					7.62	(0.30)	9.14	(0.36)	2.59	1.92	1.34	0.404	(0.89)
	-12-15			304.8	(12.00)	3.81	(0.15)	5.33	(0.21)	7.07	5.23	3.64	0.276	(0.61)
	-12-20					5.08	(0.20)	6.60	(0.26)	5.33	3.94	2.74	0.362	(0.80)
	-12-25					6.35	(0.25)	7.87	(0.31)	4.28	3.17	2.20	0.449	(0.99)
	-12-30					7.62	(0.30)	9.14	(0.36)	3.58	2.65	1.84	0.535	(1.18)

# TMT010-215

Copper foil - 1.5 in. wide

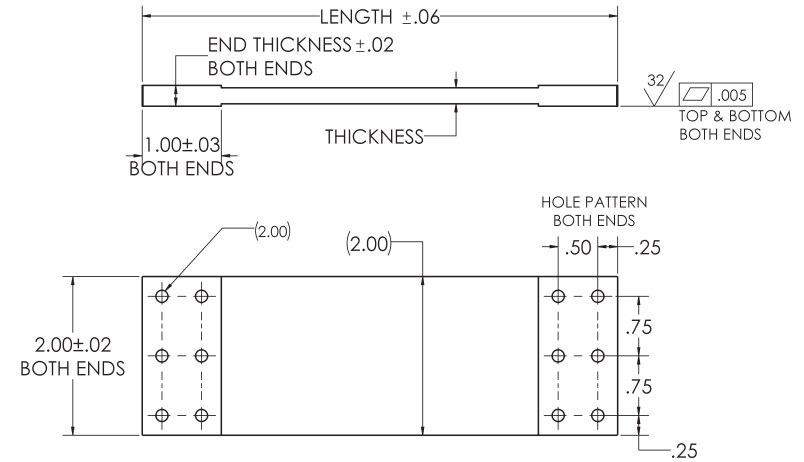
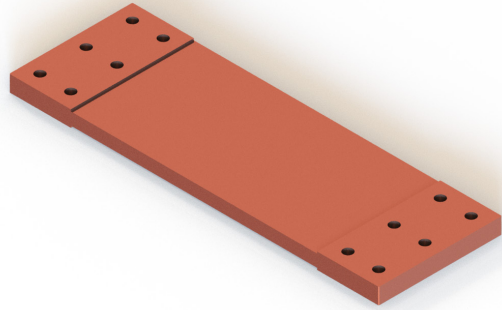


## FTS CONFIGURATIONS

P/N		WIDTH		LENGTH		THICKNESS		END THICKNESS		RESISTANCE (±10 %, K/W)			MASS (±10%)	
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-215	-04-15	38.10	(1.50)	101.60	(4.00)	3.81	(0.15)	5.33	(0.21)	1.21	0.91	0.63	0.153	(0.34)
	-04-20					5.08	(0.20)	6.60	(0.26)	0.93	0.69	0.48	0.196	(0.43)
	-04-25					6.35	(0.25)	7.87	(0.31)	0.75	0.56	0.39	0.239	(0.53)
	-04-30					7.62	(0.30)	9.14	(0.36)	0.63	0.47	0.33	0.281	(0.62)
	-06-15	152.40	(6.00)	3.81	(0.15)	5.33	(0.21)	2.09	1.55	1.08	0.219	(0.48)		
	-06-20			5.08	(0.20)	6.60	(0.26)	1.58	1.18	0.82	0.284	(0.63)		
	-06-25			6.35	(0.25)	7.87	(0.31)	1.28	0.95	0.66	0.348	(0.77)		
	-06-30			7.62	(0.30)	9.14	(0.36)	1.07	0.80	0.55	0.413	(0.91)		
	-09-15	228.60	(9.00)	3.81	(0.15)	5.33	(0.21)	3.40	2.52	1.75	0.317	(0.70)		
	-09-20			5.08	(0.20)	6.60	(0.26)	2.57	1.90	1.32	0.415	(0.91)		
	-09-25			6.35	(0.25)	7.87	(0.31)	2.07	1.53	1.06	0.512	(1.13)		
	-09-30			7.62	(0.30)	9.14	(0.36)	1.73	1.28	0.89	0.610	(1.34)		
	-12-15	304.8	(12.00)	3.81	(0.15)	5.33	(0.21)	4.71	3.49	2.42	0.416	(0.92)		
	-12-20			5.08	(0.20)	6.60	(0.26)	3.55	2.63	1.83	0.546	(1.20)		
	-12-25			6.35	(0.25)	7.87	(0.31)	2.85	2.11	1.47	0.677	(1.49)		
	-12-30			7.62	(0.30)	9.14	(0.36)	2.38	1.76	1.23	0.807	(1.78)		

# TMT010-220

Copper foil - 2.0 in. wide



## FTS CONFIGURATIONS

P/N		WIDTH		LENGTH		THICKNESS		END THICKNESS		RESISTANCE (±10 %, K/W)			MASS (±10%)	
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-220	-04-15	50.80	(2.00)	101.60	(4.00)	3.81	(0.15)	5.33	(0.21)	0.91	0.68	0.47	0.203	(0.45)
	-04-20					5.08	(0.20)	6.60	(0.26)	0.70	0.52	0.36	0.260	(0.57)
	-04-25					6.35	(0.25)	7.87	(0.31)	0.57	0.42	0.29	0.317	(0.70)
	-04-30					7.62	(0.30)	9.14	(0.36)	0.48	0.36	0.25	0.374	(0.82)
	-06-15			152.40	(6.00)	3.81	(0.15)	5.33	(0.21)	1.57	1.16	0.81	0.291	(0.64)
	-06-20					5.08	(0.20)	6.60	(0.26)	1.19	0.88	0.61	0.377	(0.83)
	-06-25					6.35	(0.25)	7.87	(0.31)	0.96	0.71	0.50	0.463	(1.02)
	-06-30					7.62	(0.30)	9.14	(0.36)	0.80	0.60	0.42	0.549	(1.21)
	-09-15			228.60	(9.00)	3.81	(0.15)	5.33	(0.21)	2.55	1.89	1.31	0.423	(0.93)
	-09-20					5.08	(0.20)	6.60	(0.26)	1.93	1.43	0.99	0.552	(1.22)
	-09-25					6.35	(0.25)	7.87	(0.31)	1.55	1.15	0.80	0.682	(1.50)
	-09-30					7.62	(0.30)	9.14	(0.36)	1.30	0.96	0.67	0.812	(1.79)
	-12-15	304.8	(12.00)	3.81	(0.15)	5.33	(0.21)	3.53	2.61	1.82	0.554	(1.22)		
	-12-20			5.08	(0.20)	6.60	(0.26)	2.67	1.97	1.37	0.728	(1.60)		
	-12-25			6.35	(0.25)	7.87	(0.31)	2.14	1.58	1.10	0.901	(1.99)		
	-12-30			7.62	(0.30)	9.14	(0.36)	1.79	1.32	0.92	1.075	(2.37)		

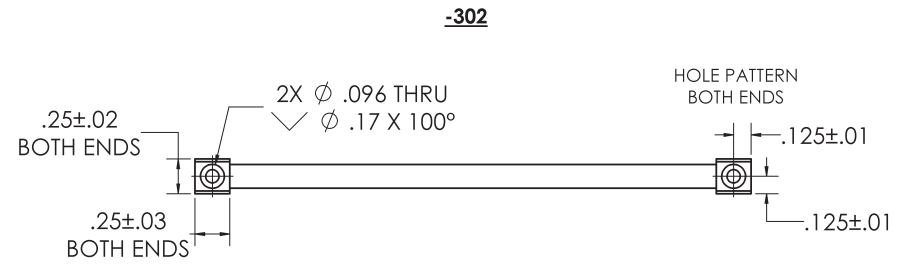
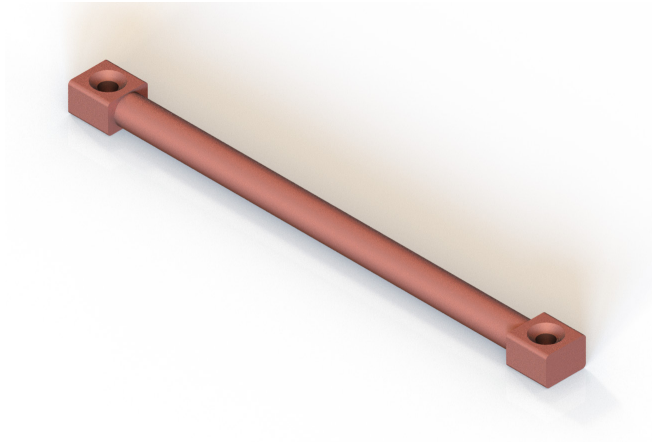


# TMT010-300 Series

Copper braid thermal straps

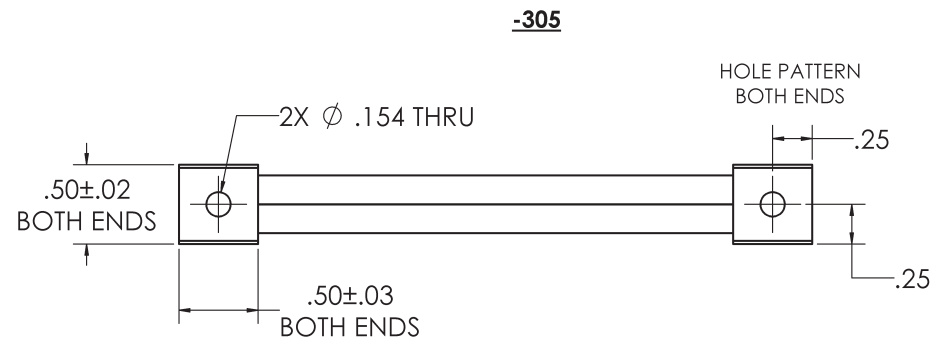
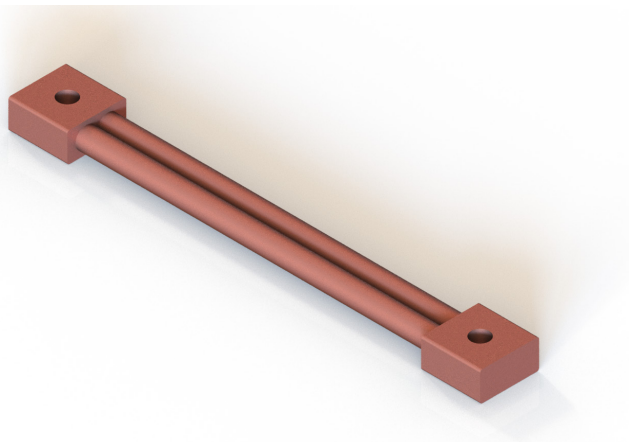
## TMT010-302

Small copper braid - 0.25 in. wide



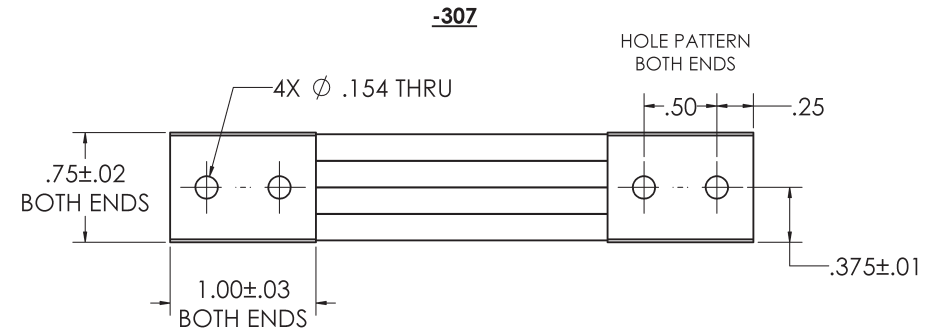
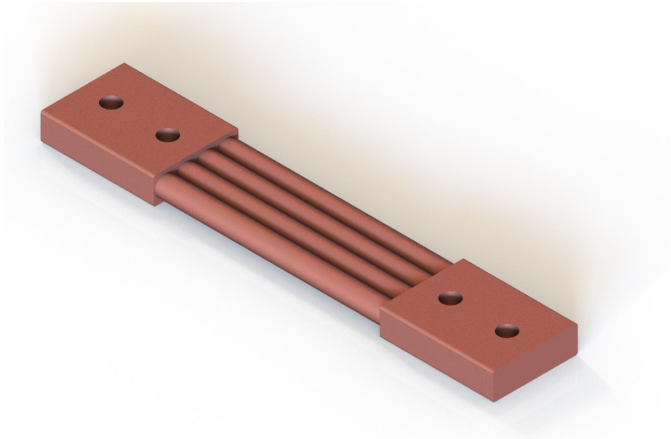
## TMT010-305

Small copper braid - 0.5 in. wide

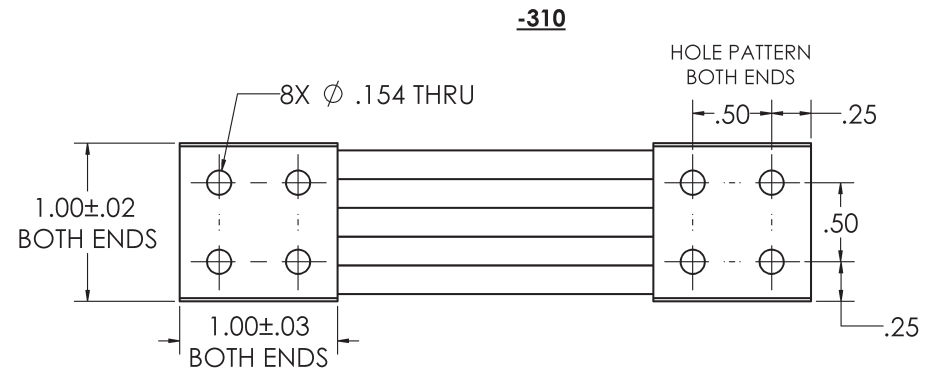
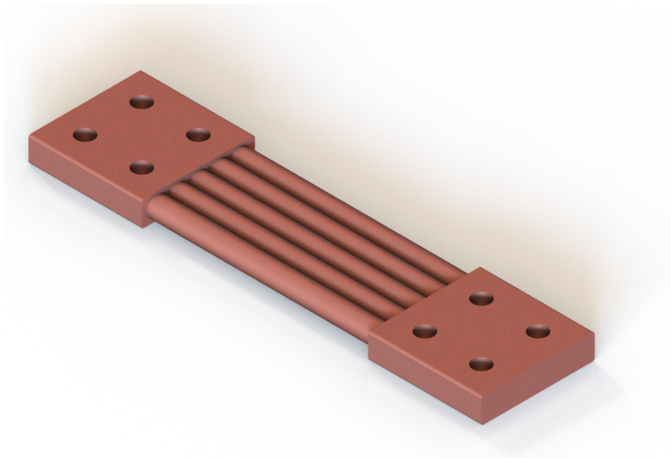


**TMT010-307**

Small copper braid - 0.75 in. wide

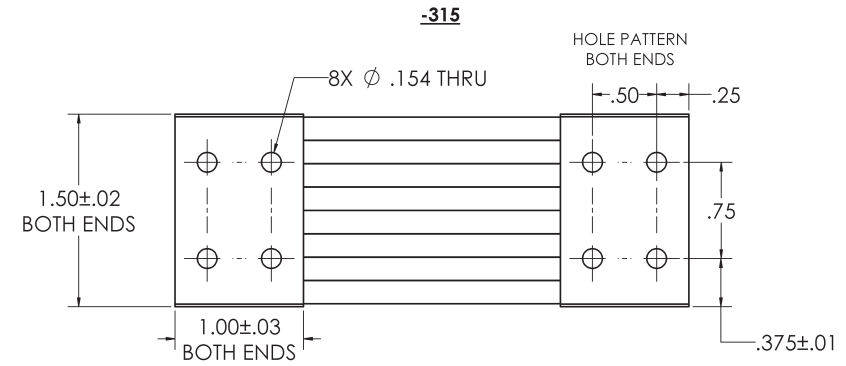
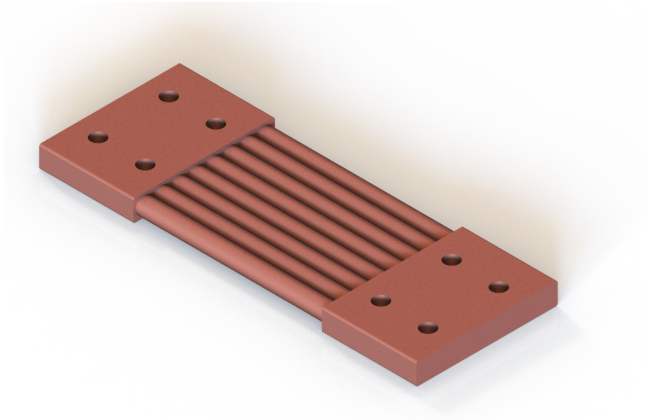
**TMT010-310**

Small copper braid - 1.0 in. wide



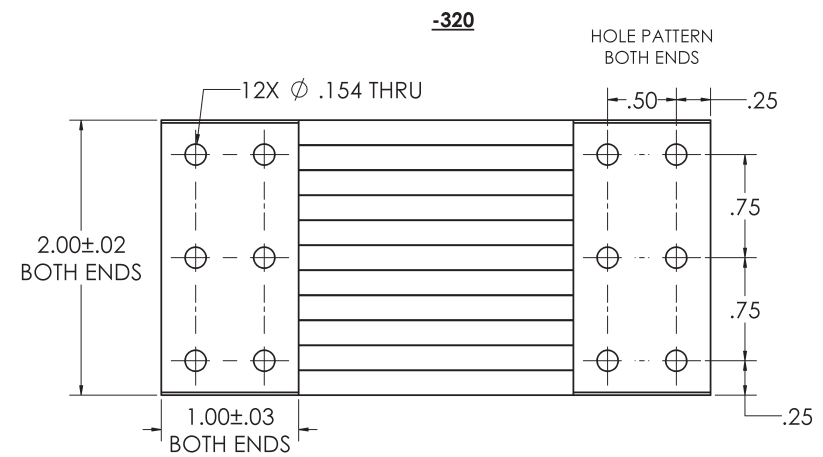
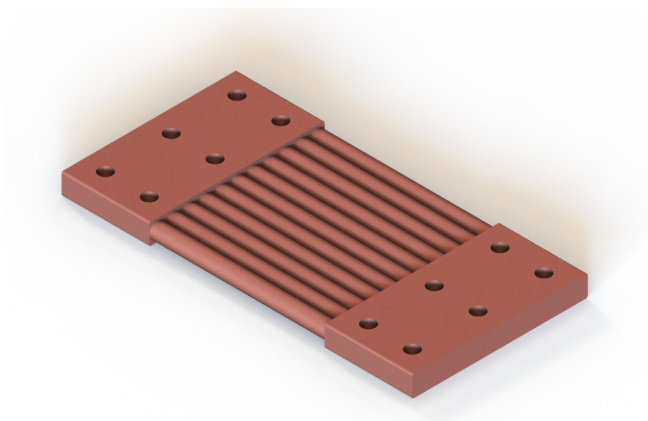
## TMT010-315

Small copper braid - 1.5 in. wide

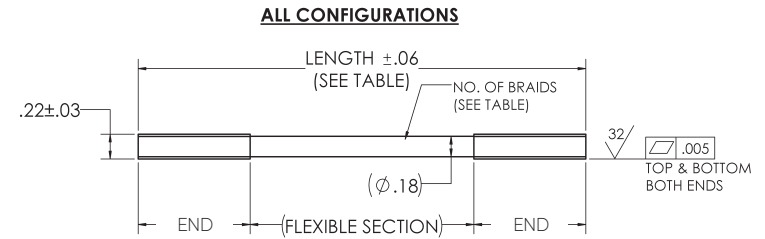


## TMT010-320

Small copper braid - 2.0 in. wide



# Series 300 Configurations



## FTS CONFIGURATIONS

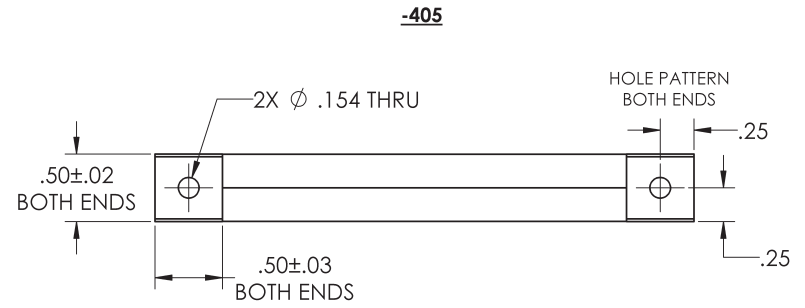
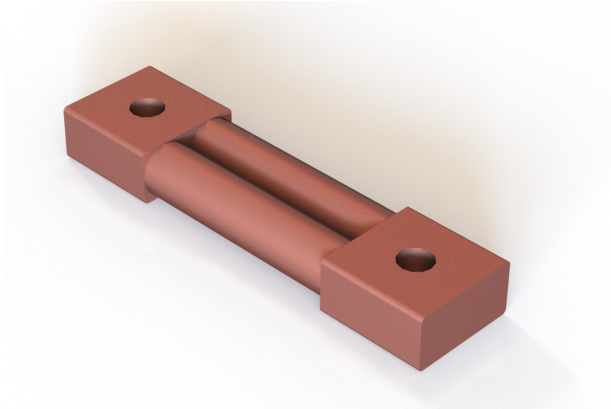
P/N		NO. OF BRAIDS	WIDTH		LENGTH		END LENGTH		END HEIGHT		HOLES	DIA		RESISTANCE (±10 %, K/W)			MASS (±10%)	
			MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)		MM	(IN)	295 K	77 K	10 K	KG	(LB)
TMT010-302	-02-18	1	6.35	(0.25)	50.80	(2.00)	6.35	(0.25)	5.08	(0.20)	1	2.413	(0.095)	11.57	8.81	9.71	0.005	(0.011)
	-03-18				76.20	(3.00)								18.93	14.42	15.89	0.007	(0.016)
	-04-18				101.60	(4.00)								26.29	20.03	22.07	0.010	(0.022)
	-05-18				127.00	(5.00)								33.65	25.63	28.25	0.012	(0.027)
TMT010-305	-02-18	2	12.70	(0.50)	50.80	(2.00)	12.70	(0.50)	5.84	(0.23)	1	3.912	(0.154)	4.14	3.15	3.47	0.016	(0.035)
	-03-18				76.20	(3.00)								7.82	5.96	6.56	0.021	(0.046)
	-04-18				101.60	(4.00)								11.50	8.76	9.65	0.025	(0.056)
	-05-18				127.00	(5.00)								15.18	11.56	12.74	0.030	(0.066)
TMT010-307	-02-18	4	19.05	(0.75)	50.80	(2.00)	25.40	(1.00)	5.59	(0.22)	2	3.912	(0.154)	0.64	0.49	0.54	0.037	(0.082)
	-04-18				101.60	(4.00)								4.32	3.29	3.63	0.056	(0.124)
	-06-18				152.40	(6.00)								8.00	6.09	6.72	0.075	(0.165)
	-08-18				203.20	(8.00)								11.68	8.90	9.81	0.094	(0.206)
TMT010-310	-04-18	5	25.40	(1.00)	101.60	(4.00)	25.40	(1.00)	5.59	(0.22)	4	3.912	(0.154)	3.42	2.61	2.87	0.066	(0.145)
	-06-18				152.40	(6.00)								6.37	4.85	5.35	0.089	(0.197)
	-09-18				228.60	(9.00)								10.78	8.22	9.05	0.125	(0.275)
	-12-18				304.80	(12.00)								15.20	11.58	12.76	0.160	(0.352)
TMT010-315	-04-18	8	38.10	(1.50)	101.60	(4.00)	25.40	(1.00)	6.10	(0.24)	4	3.912	(0.154)	2.13	1.63	1.79	0.121	(0.267)
	-06-18				152.40	(6.00)								3.97	3.03	3.34	0.158	(0.349)
	-09-18				228.60	(9.00)								6.73	5.13	5.65	0.215	(0.473)
	-12-18				304.80	(12.00)								9.49	7.23	7.97	0.271	(0.598)
TMT010-320	-04-18	11	50.80	(2.00)	101.60	(4.00)	25.40	(1.00)	6.10	(0.24)	6	3.912	(0.154)	1.56	1.19	1.31	0.159	(0.351)
	-06-18				152.40	(6.00)								2.90	2.21	2.43	0.211	(0.465)
	-09-18				228.60	(9.00)								4.90	3.74	4.12	0.288	(0.635)
	-12-18				304.80	(12.00)								6.91	5.26	5.80	0.366	(0.806)

# TMT010-400 Series

Copper braid thermal straps

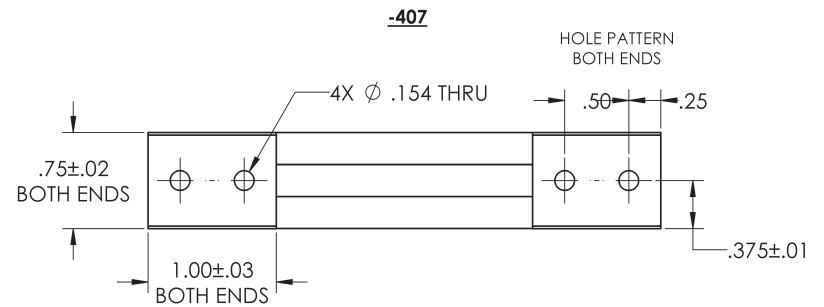
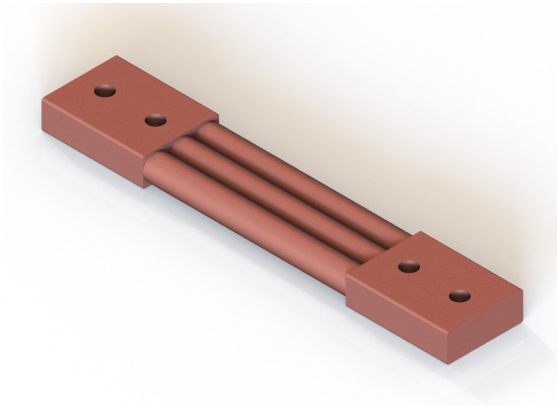
## TMT010-405

Large copper braid - 0.5 in. wide



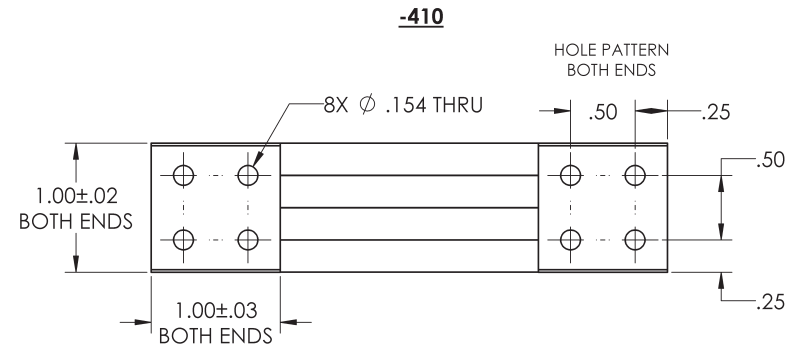
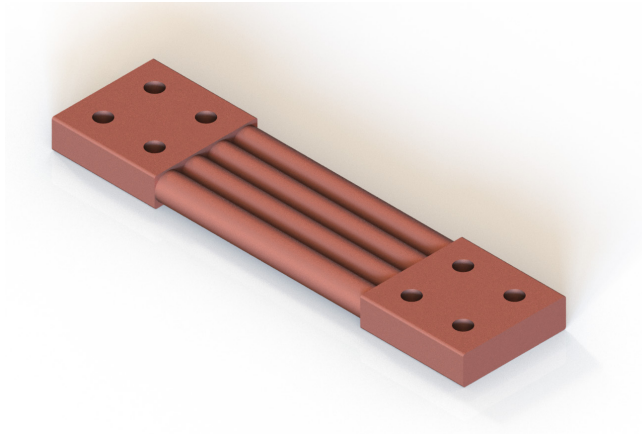
## TMT010-407

Large copper braid - 0.75 in. wide



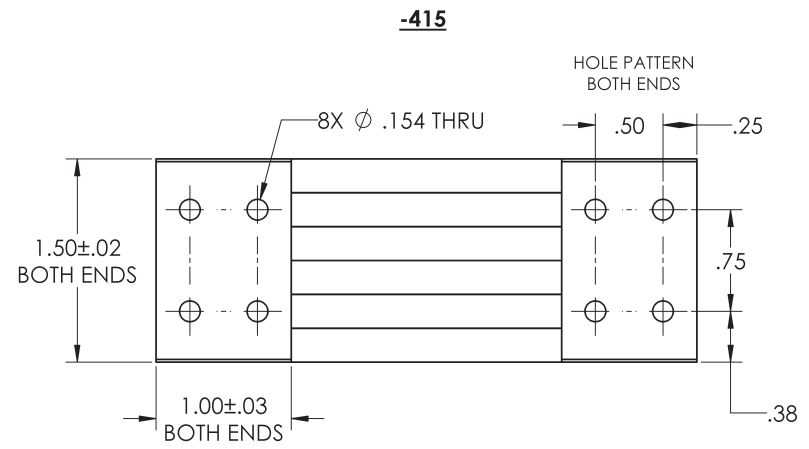
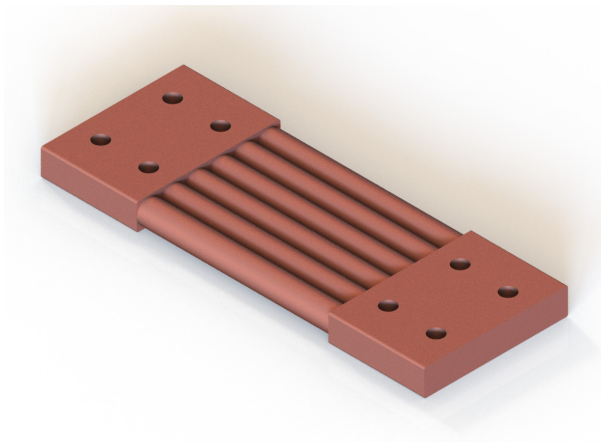
## TMT010-410

Large copper braid - 1.0 in. wide



## TMT010-415

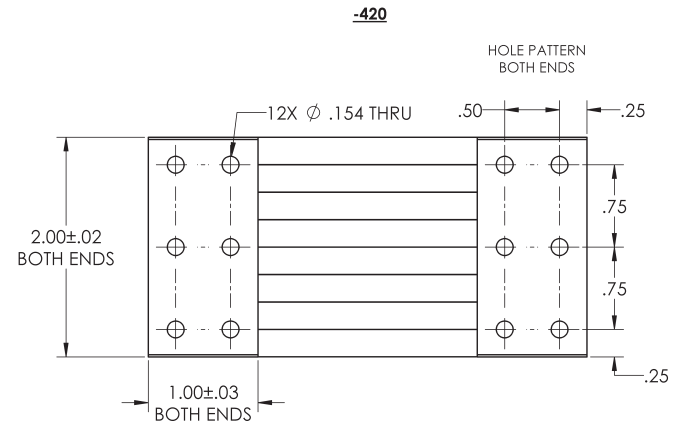
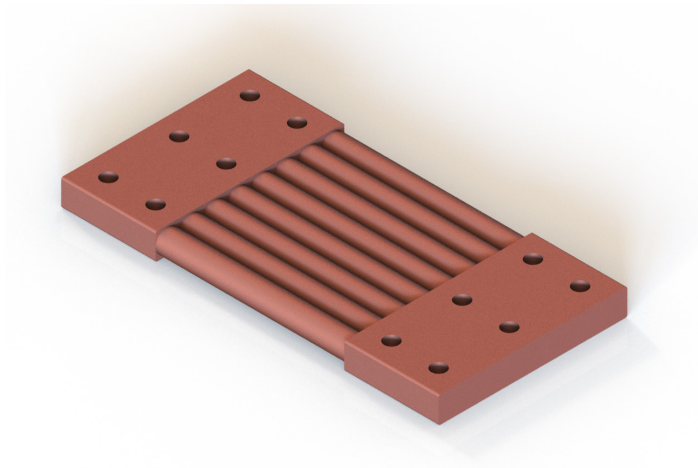
Large copper braid - 1.5 in. wide





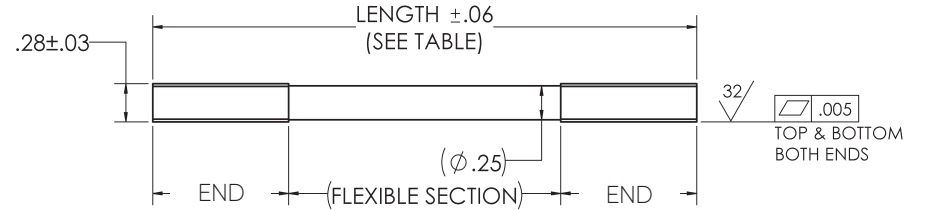
# TMT010-420

Large copper braid - 2.0 in. wide



# Series 400 Configurations

## ALL CONFIGURATIONS

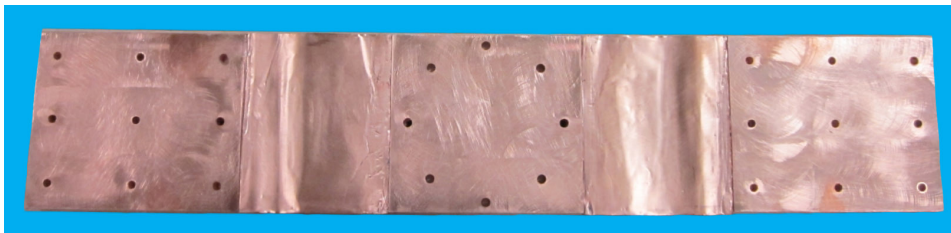
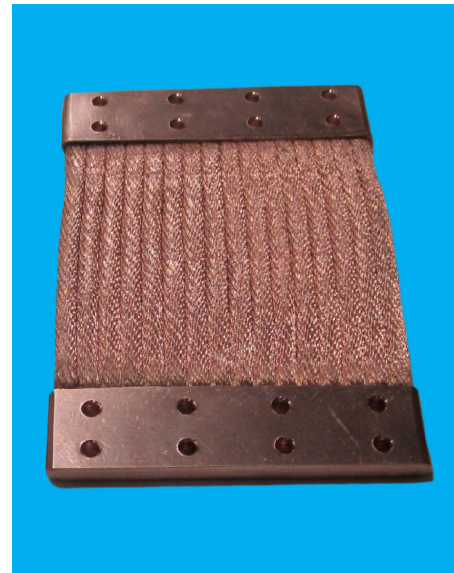
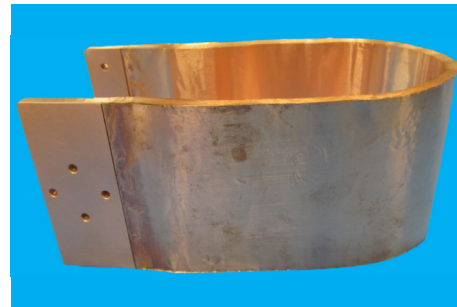
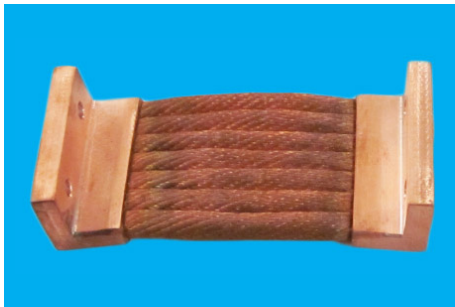
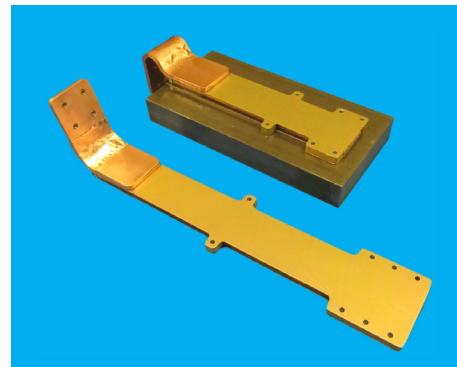


## FTS CONFIGURATIONS

P/N	NO. OF BRAIDS	WIDTH		LENGTH		END LENGTH		END HEIGHT		HOLES	DIA		RESISTANCE ( $\pm 10\%$ , K/W)			MASS ( $\pm 10\%$ )		
		MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)		MM	(IN)	295 K	77 K	10 K	KG	(LB)	
TMT010-405	-02-25	2	12.70	(0.50)	50.80	(2.00)	12.70	(0.50)	6.35	(0.25)	1	3.912	(0.154)	4.10	3.13	3.44	0.018	(0.039)
	-03-25				76.20	(3.00)								7.78	5.93	6.53	0.022	(0.049)
	-04-25				101.60	(4.00)								11.46	8.73	9.62	0.027	(0.059)
	-05-25				127.00	(5.00)								15.14	11.54	12.71	0.032	(0.070)
TMT010-407	-04-25	3	19.05	(0.75)	101.60	(4.00)	25.40	(1.00)	7.11	(0.28)	2	3.912	(0.154)	5.41	4.12	4.54	0.065	(0.142)
	-05-25				127.00	(5.00)								7.86	5.99	6.60	0.072	(0.158)
	-06-25				152.40	(6.00)								10.32	7.86	8.66	0.079	(0.173)
	-08-25				203.20	(8.00)								15.22	11.60	12.78	0.093	(0.204)
TMT010-410	-04-25	4	25.40	(1.00)	101.60	(4.00)	25.40	(1.00)	7.11	(0.28)	4	3.912	(0.154)	4.06	3.09	3.41	0.079	(0.174)
	-06-25				152.40	(6.00)								7.74	5.89	6.50	0.098	(0.215)
	-09-25				228.60	(9.00)								13.26	10.10	11.13	0.126	(0.277)
	-12-25				304.80	(12.00)								18.78	14.30	15.77	0.154	(0.339)
TMT010-415	-04-25	6	38.10	(1.50)	101.60	(4.00)	25.40	(1.00)	7.11	(0.28)	4	3.912	(0.154)	2.70	2.06	2.27	0.129	(0.285)
	-06-25				152.40	(6.00)								5.16	3.93	4.33	0.157	(0.347)
	-09-25				228.60	(9.00)								8.84	6.73	7.42	0.199	(0.440)
	-12-25				304.80	(12.00)								12.52	9.54	10.51	0.242	(0.533)
TMT010-420	-04-25	8	50.80	(2.00)	101.60	(4.00)	25.40	(1.00)	7.11	(0.28)	6	3.912	(0.154)	2.03	1.55	1.70	0.168	(0.371)
	-06-25				152.40	(6.00)								3.87	2.95	3.25	0.206	(0.454)
	-09-25				228.60	(9.00)								6.63	5.05	5.57	0.262	(0.578)
	-12-25				304.80	(12.00)								9.39	7.15	7.88	0.319	(0.702)

## Custom Configurations

In addition to standard, flexible thermal straps, TMT also provides custom designs for unique applications. Custom thermal straps can be fabricated using copper braid or foil or using aluminum foil. Multiple shapes and configurations are possible.



For custom thermal strap configurations, fill out the Request for Quote form and send to TMT at [information@tmt-ipe.com](mailto:information@tmt-ipe.com) to discuss options.

# Thermal Strap Order Form



CONTACT NAME

COMPANY NAME

PHONE NUMBER

EMAIL ADDRESS

## Copper Foil

- |                                 |                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <i>TMT010-202</i>               | <i>TMT010-210</i>               | <input type="checkbox"/> -04-25 | <input type="checkbox"/> -06-20 |
| <input type="checkbox"/> -02-04 | <input type="checkbox"/> -04-15 | <input type="checkbox"/> -04-30 | <input type="checkbox"/> -06-25 |
| <input type="checkbox"/> -02-08 | <input type="checkbox"/> -04-20 | <input type="checkbox"/> -06-15 | <input type="checkbox"/> -06-30 |
| <input type="checkbox"/> -02-12 | <input type="checkbox"/> -04-25 | <input type="checkbox"/> -06-20 | <input type="checkbox"/> -09-15 |
| <input type="checkbox"/> -04-04 | <input type="checkbox"/> -04-30 | <input type="checkbox"/> -06-25 | <input type="checkbox"/> -09-20 |
| <input type="checkbox"/> -04-08 | <input type="checkbox"/> -06-15 | <input type="checkbox"/> -06-30 | <input type="checkbox"/> -09-25 |
| <input type="checkbox"/> -04-12 | <input type="checkbox"/> -06-20 | <input type="checkbox"/> -09-15 | <input type="checkbox"/> -09-30 |
| <input type="checkbox"/> -06-04 | <input type="checkbox"/> -06-25 | <input type="checkbox"/> -09-20 | <input type="checkbox"/> -12-15 |
| <input type="checkbox"/> -06-08 | <input type="checkbox"/> -06-30 | <input type="checkbox"/> -09-25 | <input type="checkbox"/> -12-20 |
| <input type="checkbox"/> -06-12 | <input type="checkbox"/> -09-15 | <input type="checkbox"/> -09-30 | <input type="checkbox"/> -12-25 |
|                                 | <input type="checkbox"/> -09-20 | <input type="checkbox"/> -12-15 | <input type="checkbox"/> -12-30 |
| <i>TMT010-205</i>               | <input type="checkbox"/> -09-25 | <input type="checkbox"/> -12-20 |                                 |
| <input type="checkbox"/> -02-04 | <input type="checkbox"/> -09-30 | <input type="checkbox"/> -12-25 |                                 |
| <input type="checkbox"/> -02-08 | <input type="checkbox"/> -12-15 | <input type="checkbox"/> -12-30 |                                 |
| <input type="checkbox"/> -02-12 | <input type="checkbox"/> -12-20 |                                 |                                 |
| <input type="checkbox"/> -04-04 | <input type="checkbox"/> -12-25 | <i>TMT010-220</i>               |                                 |
| <input type="checkbox"/> -04-08 | <input type="checkbox"/> -12-30 | <input type="checkbox"/> -04-15 |                                 |
| <input type="checkbox"/> -04-12 |                                 | <input type="checkbox"/> -04-20 |                                 |
| <input type="checkbox"/> -06-04 | <i>TMT010-215</i>               | <input type="checkbox"/> -04-25 |                                 |
| <input type="checkbox"/> -06-08 | <input type="checkbox"/> -04-15 | <input type="checkbox"/> -04-30 |                                 |
| <input type="checkbox"/> -06-12 | <input type="checkbox"/> -04-20 | <input type="checkbox"/> -06-15 |                                 |

## Copper Braid

- |                                 |                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <i>TMT010-302</i>               | <input type="checkbox"/> -04-18 | <i>TMT010-407</i>               | <input type="checkbox"/> -09-25 |
| <input type="checkbox"/> -02-18 | <input type="checkbox"/> -05-18 | <input type="checkbox"/> -04-25 | <input type="checkbox"/> -12-25 |
| <input type="checkbox"/> -03-18 |                                 | <input type="checkbox"/> -05-25 |                                 |
| <input type="checkbox"/> -04-18 | <i>TMT010-315</i>               | <input type="checkbox"/> -06-25 |                                 |
| <input type="checkbox"/> -05-18 | <input type="checkbox"/> -02-18 | <input type="checkbox"/> -08-25 |                                 |
|                                 | <input type="checkbox"/> -03-18 |                                 |                                 |
| <i>TMT010-305</i>               | <input type="checkbox"/> -04-18 | <i>TMT010-410</i>               |                                 |
| <input type="checkbox"/> -02-18 | <input type="checkbox"/> -05-18 | <input type="checkbox"/> -04-25 |                                 |
| <input type="checkbox"/> -03-18 |                                 | <input type="checkbox"/> -05-25 |                                 |
| <input type="checkbox"/> -04-18 | <i>TMT010-320</i>               | <input type="checkbox"/> -09-25 |                                 |
| <input type="checkbox"/> -05-18 | <input type="checkbox"/> -02-18 | <input type="checkbox"/> -12-25 |                                 |
|                                 | <input type="checkbox"/> -03-18 |                                 |                                 |
| <i>TMT010-307</i>               | <input type="checkbox"/> -04-18 | <i>TMT010-415</i>               |                                 |
| <input type="checkbox"/> -02-18 | <input type="checkbox"/> -05-18 | <input type="checkbox"/> -04-25 |                                 |
| <input type="checkbox"/> -03-18 |                                 | <input type="checkbox"/> -05-25 |                                 |
| <input type="checkbox"/> -04-18 | <i>TMT010-405</i>               | <input type="checkbox"/> -09-25 |                                 |
| <input type="checkbox"/> -05-18 | <input type="checkbox"/> -02-25 | <input type="checkbox"/> -12-25 |                                 |
|                                 | <input type="checkbox"/> -03-25 |                                 |                                 |
| <i>TMT010-310</i>               | <input type="checkbox"/> -04-25 | <i>TMT010-420</i>               |                                 |
| <input type="checkbox"/> -02-18 | <input type="checkbox"/> -05-25 | <input type="checkbox"/> -04-25 |                                 |
| <input type="checkbox"/> -03-18 |                                 | <input type="checkbox"/> -05-25 |                                 |

## Custom Configurations

For custom thermal strap configurations, fill out the Request for Quote form and send to TMT at [information@tmt-ipe.com](mailto:information@tmt-ipe.com) to discuss options.

**To order, email this form to**

**[information@tmt-ipe.com](mailto:information@tmt-ipe.com)**

Questions? Contact TMT or visit [tmt-ipe.com/thermal-components](http://tmt-ipe.com/thermal-components) for more information.

# Custom Thermal Strap Request for Quote



CONTACT NAME \_\_\_\_\_

COMPANY NAME \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

Thermal Resistance \_\_\_\_\_ K/Watt  
or \_\_\_\_\_

Maximum Heat Load \_\_\_\_\_ Watt  
and \_\_\_\_\_

Temperature Drop Across Link \_\_\_\_\_ °C/°F

End Temperatures or Average Operating Temperature \_\_\_\_\_ °C/°F/K

Link Shape or Configuration (see figure) \_\_\_\_\_

Length Between Connections L \_\_\_\_\_  
W \_\_\_\_\_ US or Metric

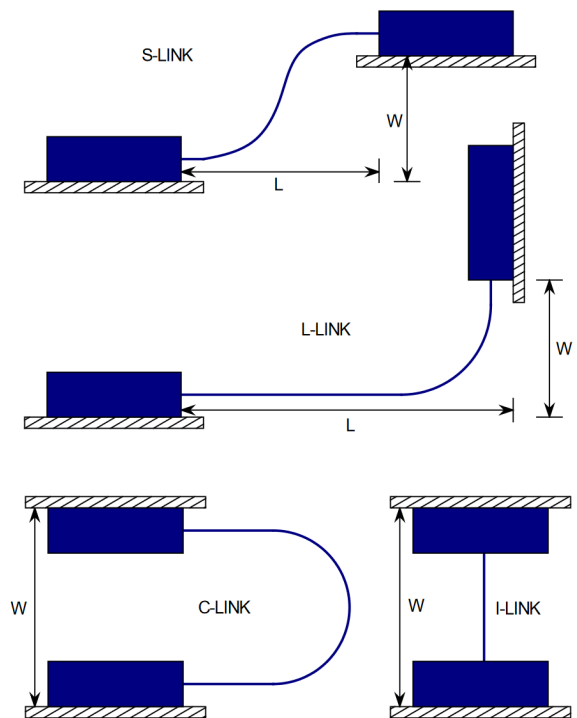
Type of End Connections \_\_\_\_\_  
(threaded holes, through-holes, etc.)

Maximum Mass \_\_\_\_\_ g/lb

Flexibility Needs \_\_\_\_\_  
(i.e. number of axes)

Quantity \_\_\_\_\_

Other Notes \_\_\_\_\_



From this information, we'll put together a design and drawing, which we will send to you along with a quote.