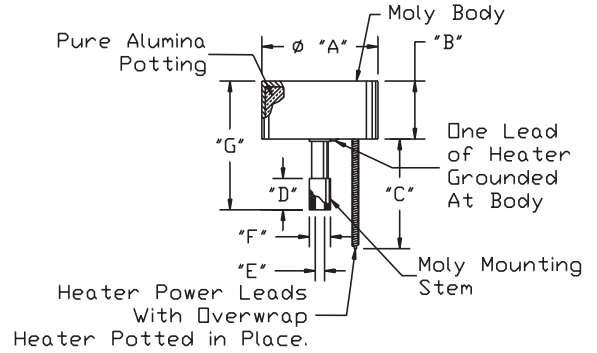




UHV Button Heaters

- 1200°C UHV Operation
- Convenient mounting stem
- Stem provides thermal isolation and clamping point
- One lead internally brazed
- Non Gassy
- >>10,000 hours in UHV



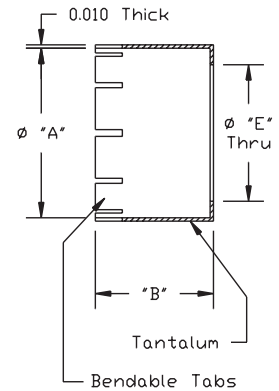
Part #	Prev. Ref.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	Use With Ta Cap #
101136	E-292	.320	.135	.50	.135	.040	.091	.440	101028-01
101137	X-367	.500	.250	.75	.135	.040	.091	.555	101028-02
101138	X-369	1.000	.300	.75	1.000	.110	.250	1.300	101028-03

Part #	Prev. Ref.	900 deg. C			1000 deg. C			1100 deg. C			1200 deg. C			Max. Wattage	
		Volts	Amps	Watts	Volts	Amps	Watts	Volts	Amps	Watts	Volts	Amps	Watts		Ohms
101136	E-292	3.49	2.07	7.20	4.45	2.37	10.55	5.59	2.71	15.20	6.86	3.06	21.00	2.20	30
101137	X-367	5.78	2.08	12.00	7.77	2.43	18.90	9.79	2.80	27.40	12.06	3.18	38.40	3.80	60
101138	X-369	8.50	5.80	49.00	10.90	6.60	73.00	13.60	7.50	102.00	16.00	8.00	128.00	2.00	190

- #101138 is available with sample holder. See #101491.
- #101138 is available with tungsten body as 101138-02
- #101137 is available without stem as #101137-02 or with side leads as # 101405

Model 101028 Sample Holding Caps

- Use with standard UHV button heaters
- Tantalum construction
- Thin wall for low heat loss
- Bendable tabs to secure cap onto heater
- Excellent for holding sample disks against heater face



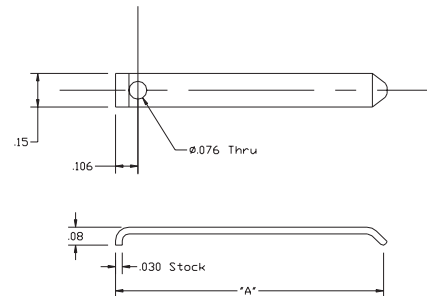
Dash #	"A"	"B"	"E"	Use With Heater #
-01	0.324	0.25	0.240	101136
-02	0.503	0.35	0.405	101137
-03	1.008	0.40	0.875	101138

#101479 Sample Holding Clips

- Haynes Alloy 214 for oxidation resistance in air (-01, -02)
- Mo/Re for 1200°C UHV operation (-03, -04)
- Special lengths quoted upon request
- Available in sets of three



101479-02 Clips Shown On 101491-02 O₂ Heater Assembly



Dash #	"A"	Material
-01	1.20	Haynes 214
-02	0.58	Haynes 214
-03	1.20	Mo/Re
-04	0.58	Mo/Re
-05	.400	Haynes 214