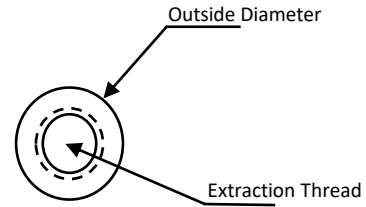
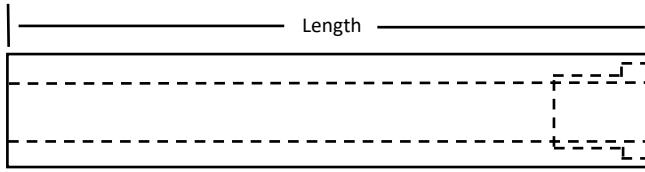


# Heat Pipe Tooling Design Guide



Heat Pipe Outside Diameter	Actual Outside Diameter	Hole Drill Diameter	Extraction Threads
3/32"	0.093"	0.096"	N/A
1/8"	0.124"	0.127"	N/A
5/32"	0.154"	0.157"	N/A
3/16"	0.185"	0.189"	4-40NC
1/4"	0.249"	0.252"	4-40NC
5/16"	0.311"	0.314"	6-32NC
3/8"	0.374"	0.377"	6-32NC
1/2"	0.499"	0.502"	10-24NC
5/8"	0.624"	0.627"	10-24NC
3/4"	0.748"	0.752"	3/8-16NC
3mm	2.99mm	3.07mm	N/A
4mm	3.96mm	4.04mm	N/A
5mm	5.00mm	5.08mm	M-2 x 0.4
6mm	5.97mm	6.04mm	M-2 x 0.4
8mm	7.98mm	8.05mm	M-2 x 0.4
10mm	9.91mm	10.00mm	M-5 x 0.8
12mm	11.86mm	11.96mm	M-5 x 0.8
15mm	14.86mm	14.96mm	M-5 x 0.8
16mm	15.98mm	16.08mm	M-5 x 0.8
18mm	17.88mm	17.98mm	M-6 x 1.0
20mm	19.84mm	19.94mm	M-6 x 1.0
25mm	24.84mm	24.94mm	M-6 x 1.0
30mm	29.85mm	29.94mm	M-6 x 1.0

- Outside Diameter Tolerance:  $\pm 0.002"$  ( $\pm 0.05\text{mm}$ )
- Hole Drill Tolerance:  $\pm 0.001"$  ( $\pm 0.02\text{mm}$ )
- Length Tolerance:  $+0.00"$  /  $-0.06"$  ( $+0.0\text{mm}$  /  $-1.5\text{mm}$ )