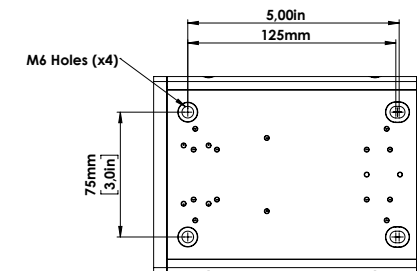
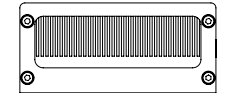
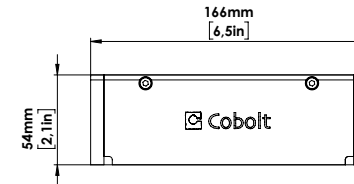
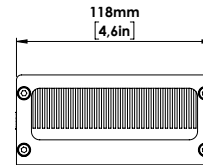


Cobolt HS-03 Heatsink

Heatsink for Cobolt o4-01, o6-01 and o8-01 Series lasers

Cobolt model number	HS-03
Thermal resistance	< 0.85 K/W
Material	Aluminium
HS-03 is suitable for use with Cobolt o4-01, o6-01 & o8-01 Series lasers:	<p>Cobolt Twist™ 457nm Cobolt Blues™ 473nm Cobolt Calypso™ 491nm Cobolt Fandago™ 515nm Cobolt Jive™ 561nm Cobolt Samba™ 532nm Cobolt Mambo™ 594nm Cobolt Flamenco™ 660nm Cobolt Rumba™ 1064nm</p> <p>Cobolt o6-MLD Cobolt o6-DPL Cobolt o8-NLD Cobolt o8-DPL</p>
Dimensions [mm] [inches]	166 x 117.8 x 54 6.5 x 4.6 x 2.1



To ensure operation within given specifications and for the warranty to be valid, the Laser head must be attached to a heatsink providing good thermal resistance. This value is the difference between the maximum operating laser base plate temperature (50°C) and the maximum ambient temperature at the air-heatsink interface (40°C), divided by the maximum power dissipated from the laser head (~20W). The mounting surface should be flat (within 0.05 mm over mounting surface). The heatsink is designed to accommodate all Cobolt o4-01, o6-01 & o8-01 Series footprints and can be bolted to a standard metric or imperial optical table for use in a constant ambient temperature environment.

