Cobolt HS-03 Heatsink

Heatsink for Cobolt 04-01, 06-01 and 08-01 Series lasers

<table>
<thead>
<tr>
<th>Cobolt model number</th>
<th>HS-03</th>
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<tbody>
<tr>
<td>Thermal resistance</td>
<td>&lt; 0.85 K/W</td>
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<tr>
<td>Material</td>
<td>Aluminium</td>
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</tbody>
</table>

HS-03 is suitable for use with Cobolt 04-01, 06-01 & 08-01 Series lasers:
- Cobolt Twist™ 457nm
- Cobolt Blues™ 473nm
- Cobolt Calypso™ 491nm
- Cobolt Fandango™ 515nm
- Cobolt Jive™ 561nm
- Cobolt Samba™ 594nm
- Cobolt Flamenco™ 660nm
- Cobolt Rumba™ 1064nm
- Cobolt 06-MLD
- Cobolt 06-DPL
- Cobolt 08-NLD
- Cobolt 08-DPL

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 04-01, 06-01 & 08-01 Series footprints and can be bolted to a standard metric or imperial optical table for use in a constant ambient temperature environment.