

HS-03 Heatsink for Cobolt 04-01 and 06-01 Series lasers

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 superceeds HS-01 and is designed to accommodate all Cobolt laser model 04-01 Series and 06-01 Series footprints and can be bolted to a standard metric optical table for use in a constant ambient temperature environment.

Specifications

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| Cobolt model number | HS-03 |
| Thermal resistance | <0.85K/W |
| Material | Aluminium |
| HS-03 is suitable for use with laser models 04-01 and 06-01: | Cobolt Twist™ Cobolt Blues™ Cobolt Calypso™ Cobolt Fandango™ Cobolt Jive™ Cobolt Samba™ Cobolt Mambo™ Cobolt MLD™ 405nm Cobolt MLD™ 445nm Cobolt MLD™ 473nm Cobolt MLD™ 488nm Cobolt MLD™ 515nm Cobolt MLD™ 638nm Cobolt MLD™ 660nm |
| Dimensions [mm] [inches] | 166 x 117.8 x 54 6.5 x 4.6 x 2.1 |

