

# LAMP PUMPED LASER HEADS

High performance and reliability



## Part No: CHBA854/C

**LASER SYSTEMS:** LASER S.O.S. 854, Quantum Laser Maximark, Lasit Fleximark, Easymark, SEI 80 W

**DESCRIPTION:** Single Flash-Lamp Pumped Solid-State Laser Chamber used for precision marking and engraving

### ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK804	O-Ring Kit, 4mm Rod
2	GC530	Gold Cavity Assembly, Complete
3	BA854	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA854	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA854	Head Block Assembly (Less Carriage)
6	CHBA854/C	Complete Head Block Assembly

Note: This laser head has been superseded by CHBA9754 Series.

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### LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	HB530	Head Bolt, Stainless Steel
2	HBW510	Head Bolt Washer, Nylon
3	GCE530	Cavity Ellipse, Gold Plated
4	RFT530	Rod Flow Tube
5	LFT630	Lamp Flow Tube
6	LL218S	Krypton arc Lamp, 30 Amps
8	CEP530L	Cavity End Plate, Left, Gold Plated
9	TLSKIT5300	Teflon Light Shield Kit
11	CLA500	Carriage Locking Assembly
12	ORK804	O-Ring, Silicone (Included in Kit)
13	YR4105	YAG Rod, Crystal Only, 4 mm Rod
14	YRA4105	YAG Rod Assembly, Mounted, 4 mm Rod
15	RG800	Rod Guide
16	WF041	Water Fitting, 12.7 mm, Stainless Steel
17	REC510	Rod End Cap
18	DB510	Dust Boot
19	WF021	Elbow Water Fitting, 1/2" for Q-Switch
20	WF012	Water Fitting 3/4" – 16 × 1/2"
21	LHB850	Lower Head Block
22	HVP258	High Voltage Pin
23	LVB5000	Lamp V-Block
24	LCA500	Lamp Clamp Assembly
25	CEP530R	Cavity End Plate, Right
26	UHB850	Upper Head Block
27	FIN800	Head Sink, Aluminium
29	CC5000	Cable Cap
30	LHC800	Head Carriage
34	ORT4MM	O-Ring, Teflon, 4 mm Rod

### FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 30 Amp	LL218S
2	Lamp Flow Tube	LFT630
3	Rod Flow Tube	RFT530
4	Front Mirror 80% R	MR3M80RHC
5	Rear Mirror HR	MR3M100RHC
6	Lamp V-Block	LVB5000

Other consumables upon request.

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