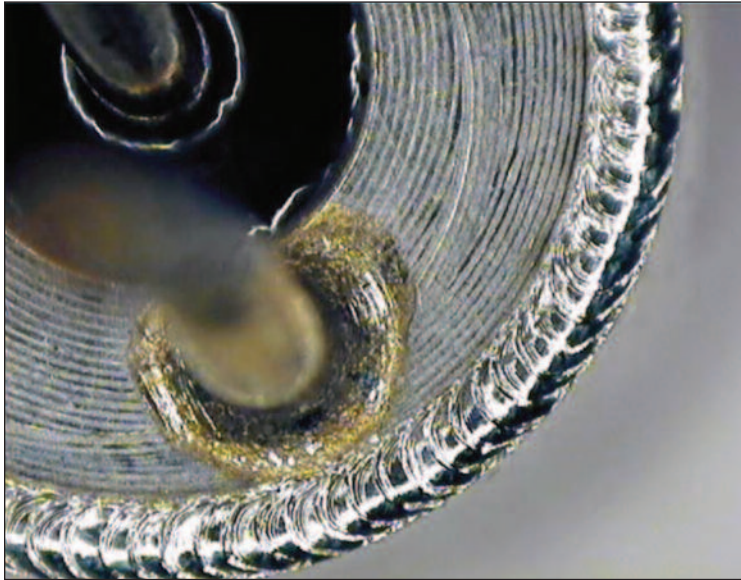
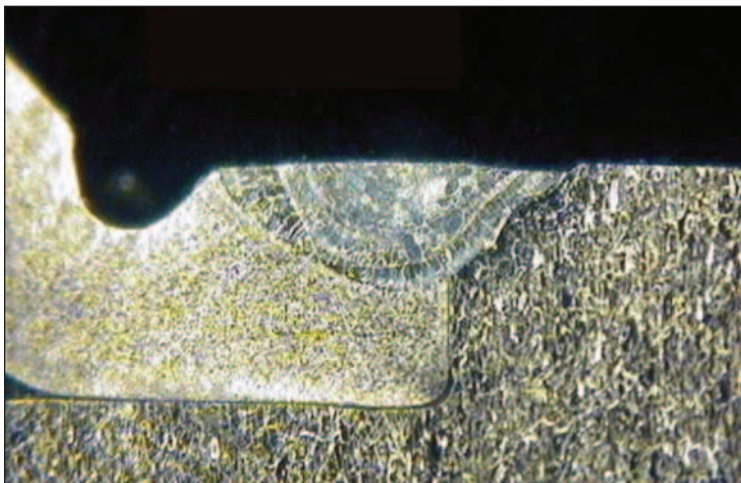


Welding Applications

LW300A, 400A, 500A and 600A welders



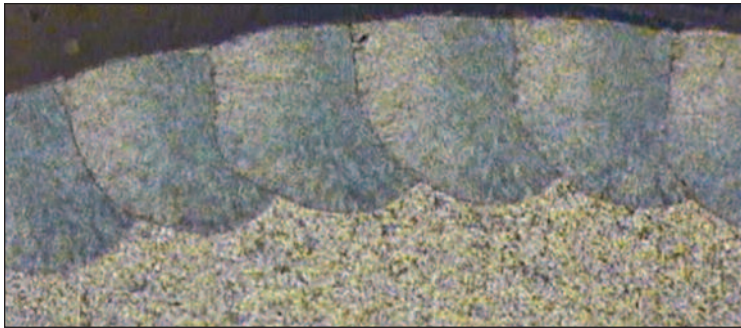
Application	Airbag detonator
Laser	LW400A
Materials	304 SS
Weld type	Butt seam
Focus head	CCTV 120/100mm
Fiber	600 SI
Penetration	0.02"
Spot size	0.025"
Pulse width	3.0 ms
Energy	1.5 J
Rep rate	40 Hz
Gas shroud	Argon



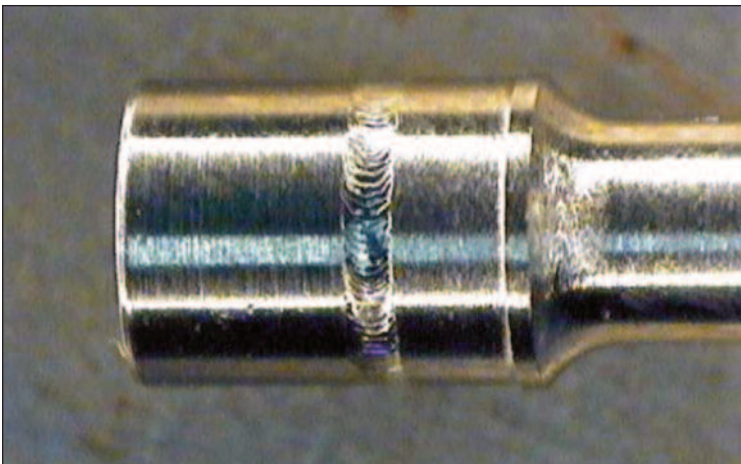
Application	Disc drive
Laser	LW300A
Materials	430 SS
Weld type	Butt seam
Focus head	CCTV 100mm
Fiber	600 SI
Penetration	0.01"
Spot size	0.03"
Pulse width	12.0 ms
Energy	6.2 J
Rep rate	40 Hz
Gas shroud	Argon



Application	Pacemaker
Laser	LW300A
Materials	Titanium
Weld type	Lap seam
Focus head	CCTV 100mm
Fiber	600 SI
Penetration	0.007"
Spot size	0.03"
Pulse width	1 ms
Energy	1.3 J
Rep rate	180 Hz
Gas shroud	Argon



Application	Weld x section
Laser	LW400A
Materials	304 SS
Weld type	Butt seam
Focus head	CCTV 100mm
Fiber	600 SI
Penetration	0.03"
Pulse width	4.0 ms
Energy	2.5 J
Rep rate	40 Hz
Gas shroud	Argon



Application	Cap attach
Laser	LW500A
Materials	304L SS
Weld type	Butt seam
Focus head	CCTV 100mm
Fiber	600 SI
Penetration	0.01"
Spot size	0.03"
Pulse width	1,0 ms
Energy	2.0 J
Rep rate	225 Hz
Gas shroud	Argon



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