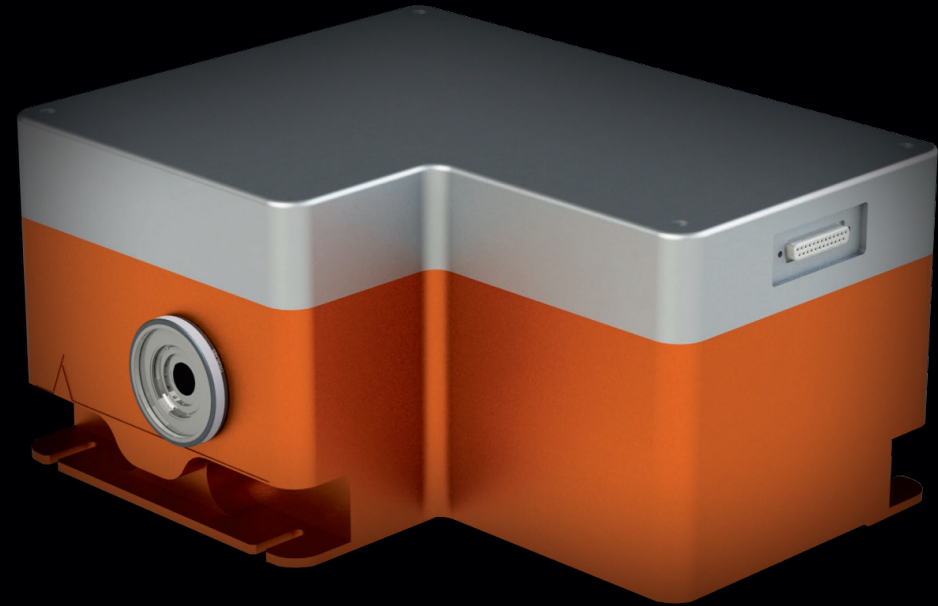


Spin

Precession module

SPIN is a "plug & play" module located in the optical path between a laser head and a SCAN module.

SPIN induces a precession movement of the laser beam, allowing cutting and drilling at high speed with an adjustable cutting or drilling angle. The SPIN module enables deeper drilling with straight sides.



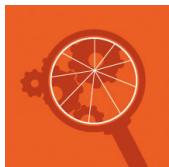
- # 1 Ideal for cutting and drilling
- # 2 Easy to align
- # 3 Wide field up to 20 mm x 20 mm
- # 4 Patent pending technology

Specifications

	SPIN		
 Focal length	80 mm	50 mm	30 mm
 Working distance	60 mm	45 mm	20 mm
 Field	20 x 20 mm	7 x 7 mm	2 x 2 mm
 Angle of attack max	+/- 5°	+/- 7°	+/- 10°
 Hole or trench maximum	1000 µm	500 µm	200 µm
 Hole or trench minimum	90 µm	60 µm	40 µm
 Rotation	Adjustable from 1000 to 30,000 rpm		
 Available Wavelengths	343 nm	515 nm	1030 nm
 Dimensions (W x D x H)	35 x 29 x 18 cm		



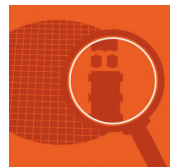
Applications



MicroMachining



Medical Device
Manufacturing



Microelectronics

