

生产金刚石带锯刀片的装置系统

Fixture System to Manufacture Diamond Band Saw Blades

用于一次一个带有平直或者齿形边缘的带锯刀片的金刚石电镀。

该固定和接触装置（接触装置）通过提供的横切面硅胶线保证刀片边缘的均匀电镀。

不要求带锯刀片上绝缘漆。

带锯刀片的排列紧凑并且节省空间。

该装置使得在要求的预处理和随后的金刚石电镀过程中无需移除带锯刀片。

该装置系统保证了只有即将被电镀的表面与处理槽相接触。

For diamond electro-plating of one band saw blade at a time, with straight or toothed edge.

The holding and contact fixture (contact fixture) guarantees a uniform electro-plating of the cutting edge by means of the supplied square-section silicone cord.

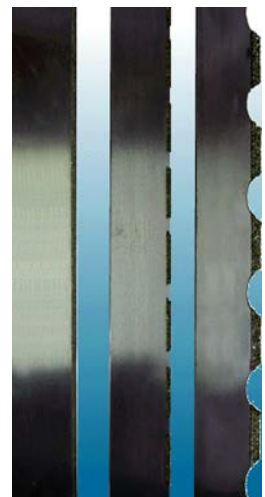
Masking of the band saw blade is not required.

The arrangement of the band saw blade is compact and space-saving.

The fixture is used for the required pre-treatment and the subsequent diamond electro-plating process without a need to remove the band saw blade.

The fixture system is designed so that only the surface areas to be electro-plated come into contact with the process baths.

装置组件 Fixture components



金刚石带锯刀片示例
Examples of diamond saw blades

1. 锁紧螺栓（4个） Locking bolts (4 pcs)
2. 屏蔽盘 Shielding disc
3. 钛阳极篮（2个） Titanium anode basket (2 pcs)
4. 金刚石护环/垫片 Diamond retaining ring / spacer
5. 连接线 Contact cable
6. 平整金刚石砂粒的耙子 Rake to equalise diamond grits
7. 用于锯刀片（含接触适配器）的接触和固定装置
Contact and holding fixture for saw blade including contact adapter
8. 电镀盒 Electro-plating cassette

装置组装 Fixture assembly



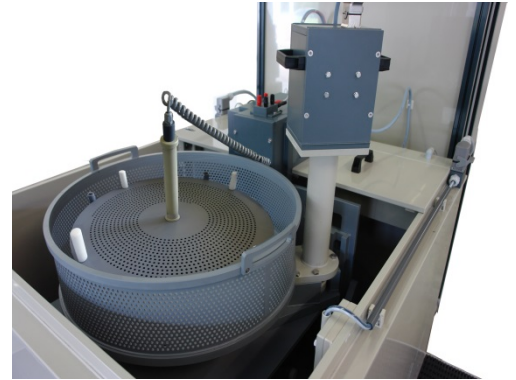
锯刀片安装在带有横切面硅胶线的接触装置里
Saw blade mounted into contact fixture with square-section silicone cord



带有耙子的接触装置均匀金刚石砂粒
Contact fixture with rake to equalise diamond grits distribution



带有钛阳极篮（图中不可见）的接触装置和电镀盒中的屏蔽盘
Contact fixture with titanium anode baskets (not shown) and shielding disc mounted into electro-plating cassette



整个装置安装在电镀槽中
Complete fixture system installed in the electro-plating tank.