**Up to 2mm thick decorative watch components for luxury watches**

- Watch dials made of brass, steel, and golds
- Markers made of brass, steel, and gold

**LMJ used for:**
- Small to large series (100 to 10k pcs)
- Cutting and drilling parts for brands/Richemont group

**Flexible & stable tool for production**

Main processing criteria:
- High throughput (up to 10k pcs/reference)
- Complex shapes
- No burrs
- No heat affected zone (HAZ)
- Process flexibility: any kind of metals
- Perfect verticality
- Narrow tolerances
- Excellent surfaces quality

Machining technologies able to reach these criteria:
- Stamping
- Laser MicroJet (LMJ)

**Best flexibility, ease to use, able to reach expected top quality/tolerances, production-proven, optimized ROI**

LMJ advantages versus stamping:
- Better ROI for <10 k pcs (low costs per series- no costly stamp to supply etc.)
- Complex shapes possible

Installed machine type:
- 1 x LCS 300
- 100 W green laser

Sources: Procadrans, Synova, hautehorlogerie.org