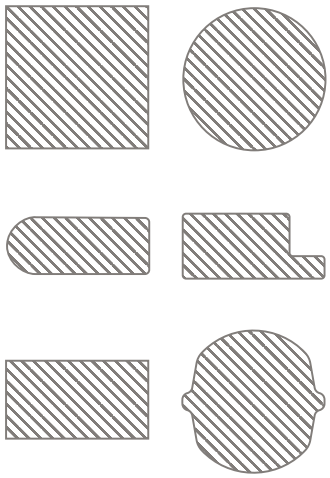
Sample cutting tool shapes:



EL-Cut

High precision electrode cutting pliers

The EL–Cut is a high–precision punching tool specially designed for punching electrodes from coated Cu and Al foils. In contrast to conventional punching, electrodes being cut (fine blanked) by the EL–Cut are produced by three active forces and in tools with a few microns cutting clearance. The fine blanking process results in electrodes having clean cutting surfaces without torn or chipped edges and being almost perfectly flat.

The EL–Cut is available in different versions, each with a different cutting tool. The diameter of a tool can be between 5 and 40 mm. Different shapes, e.g. squared, are possible. The cutting tool is permanently installed and cannot be changed.

Use Cases:

- For cutting electrodes coated on Al and Cu foil

Product website:

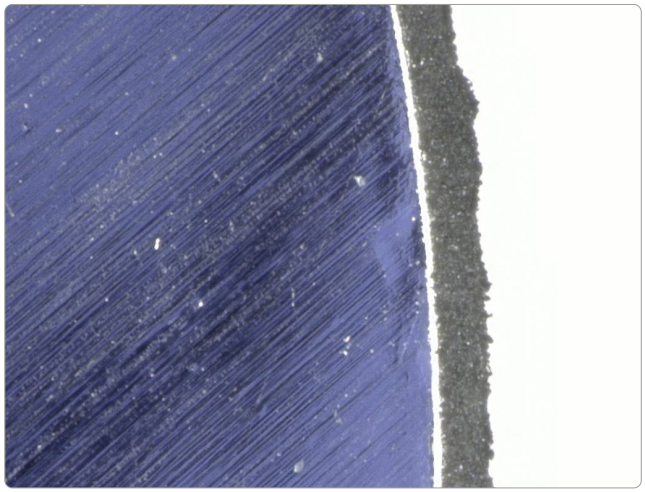
Manual (PDF):

Key Features

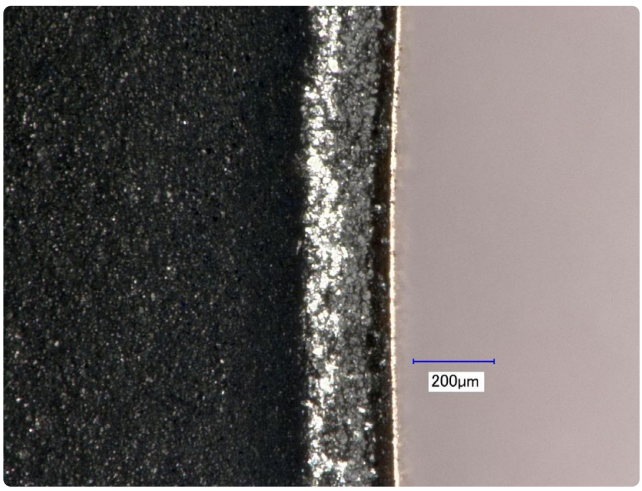
- Perfectly cut electrodes
- Designed for cutting electrodes coated on Al and Cu foil
- Low wear of the cutting tool even after prolonged use
- Cutting tools available with diameters from 5 to 40 mm (One cutting size per EL-Cut)
- Different shapes (e.g. squared) are available on request

EL-Cell GmbH Tempowerkring 8 21079 Hamburg, Germany +49 40 79012-734 sales@el-cell.com el-cell.com

Specifications	
Height	140 mm
Width	380 mm
Depth	60 mm
Weight	2.8 kg
Thickness of electrode foils (Cu or Al)	up to 0.3 mm



Cutting edge of LiB cathode on 20 µm Al (200 x magnified)



Cutting edge of graphite anode on 10 µm Cu (200 x magnified)

EL-Cut cutting tool