

## OPENING AND LIFTING TOOLS

Opening tools for opening hard-to-reach electronic devices such as smartphones, tablets, notebooks, and many more.

### ► 2-113

#### ESD Lifting tool, Opening tool

Very stable, break-proof glass fiber reinforced polyamide, typical leakage resistance approx.  $10^9$  Ohm for opening sensitive housings, 3 different material thicknesses allow lever attachment of different gap dimensions, including flat metal insert for scratch-resistant areas  
length 180 mm, weight 22 g



### ► 2-123

#### ESD crowbar SPUDGER metal opener flat

For levering off micro plug connections in electronic devices. EPA suitable. For working in electrostatically protected areas (ESD workplace / ESD protection zone).  
length 180 mm, weight 19 g



### ► 2-124

#### Opening tool BERNSTEIN metal opener flat

0.2 mm spring plate deburred, very narrow filigree opening tool for small slots  
different radii offer different lever approaches, flexible through the spring plate without breaking off, often used for the first opening, then to prise open further with a larger opening tool  
length 120 mm, weight 12 g



### ► 2-129

#### Opening tools plastic 10 pcs

Insulating plastic consumables, set consisting of:  
2-129-1 opening tool triangle orange (6 pcs)  
2-129-2 opening tool darts orange (3 pcs)  
2-129-3 opening tool pen pointed orange



### ► 2-111-VE3

#### LCD Opener suction cup with ring (PU3)

Ø 40 mm suction cup holder transparent, strong holding suction cup  
screwed suction cup and handle ring, suction cup with M4 thread  
ideal for holding / opening LCD displays  
6 mm thread length, stainless steel (V2A) rustproof  
suction cup material soft PVC, hard plastic holder / nickel-plated ring  
Dimensions 40 x 45 mm, weight 50 g



## MAKESHIFT TOOLS

### ► 2-119

#### Magnetic mat + waterproof pen + eraser sponge

rewritable pad for the repair of small electronic devices, such as smartphones, hearing aids, etc.  
Dimensions 250 x 200 mm, weight 200 g, Set consisting of:  
2-119-10 Work mat magnetic 250 x 200 mm  
2-119-11 Wiping sponge for magnetic mat  
2-119 ST STAEDTLER black foil pen 0.6 mm

