



# 意大利皮尔杰克Piergiacomini成形钳T0元件引脚弯折成型工具

T0220 3引脚/5引脚，90度直角弯折、高低错位成型

T0247元件引脚直角成型

T092管脚错开成型

直插IC扁平元件整排引脚整形

技术咨询与报价

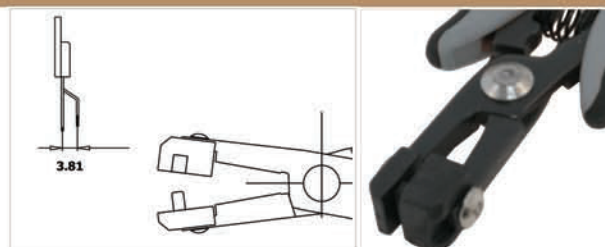
电话：18823303057 QQ:2104028976

## Special tools "TO" forming pliers

### PN 5050D



**PN 5050D:** Special tool for the forming of central lead of TO 220 with 3.81mm pitch. Steel thickness 5.0mm. Tool length 155mm. ESD-safe handles.

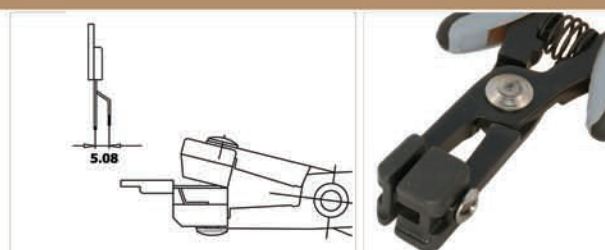


| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PN 5050D   | 155         | 3                  | 1.30               | 16                |

### PN 5050/3D



**PN 5050/3D:** Special tool for the forming of central lead of TO 247 and TO 220, 5.08mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.

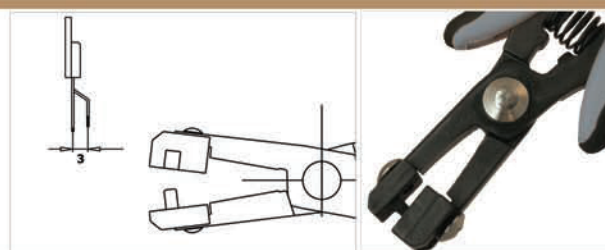


| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/3D | 158         | 3                  | 1.30               | 16                |

### PN 5050/14D



**PN 5050/14D:** Special tool for the forming of central lead of TO 220, 3.0 mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.

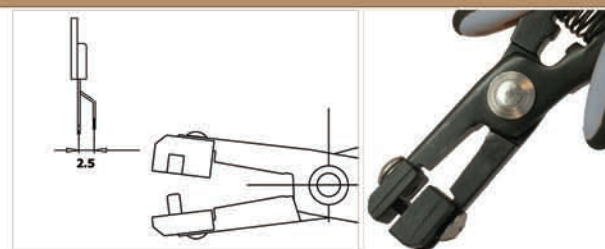


| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/14D | 158         | 3                  | 1.30               | 16                |

### PN 5050/15D



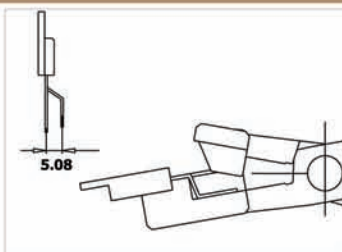
**PN 5050/15D:** Special tool for the forming of central lead of TO 220, 2.54mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/15D | 158         | 3                  | 1.30               | 16                |

**PN 5050/04D**

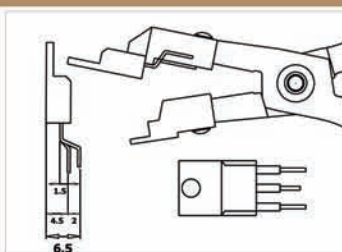
**PN 5050/04D:** Special tool for the forming of side leads of TO 247 and of TO220, 5.08mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/04D | 158         | 3                  | 1.30               | 16                |

**PN 5050/60D**

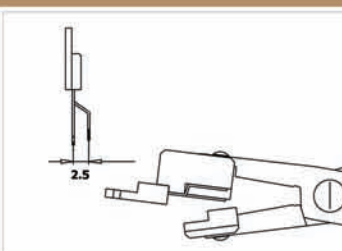
**PN 5050/60D:** Special pliers designed to form the TO-220 and the TO-247 leads. It forms the side leads at 1.5mm pitch and the centre lead at 3.5mm. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/60D | 158         | 3                  | 1.30               | 16                |

**PN 5050/10D**

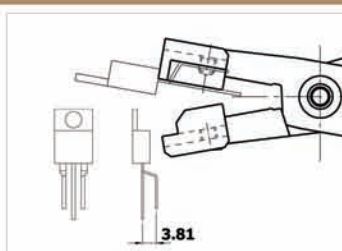
**PN 5050/10D:** Special pliers designed to form the two TO220 and TO 247 side leads at 2.54mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/10D | 158         | 3                  | 1.30               | 16                |

**PN 5050/16D**

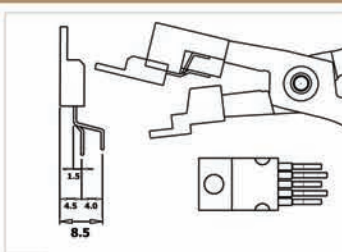
**PN 5050/16D:** Special pliers designed to form the TO 247 and TO220 side leads at 3.81mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/16D | 158         | 3                  | 1.30               | 16                |

**PN 5050/19D**

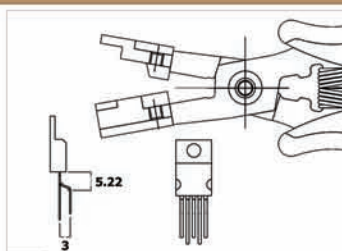
**PN 5050/19D:** Special pliers designed to form the TO220 component leads (5 leads). It forms the 1-3-5 leads at 4mm pitch and the 2-4 leads at 1.5mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/19D | 158         | 3                  | 1.30               | 16                |

**PN 5050/38D**

**PN 5050/38D:** Special pliers designed to form the TO220 component leads (5 leads). It forms the 1-3-5 leads at 3mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/38D | 158         | 3                  | 1.30               | 16                |

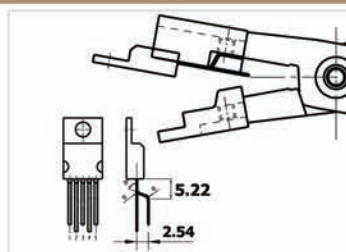




### PN 5050/54D



**PN 5050/54D:** Special tool designed to form TO220 component (5 leads). It forms 1-3-5 leads at 2.54 mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.

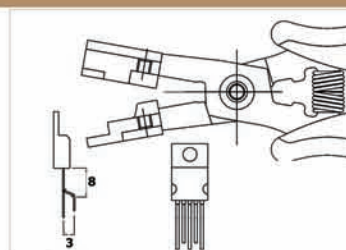


| Order code  | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/54D | 158         | 3                  | 1.30               | 16                |

### PN 5050/36D



**PN 5050/36D:** Special tool designed to form TO220 component (5 leads). It forms 2-4 leads at 3 mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.

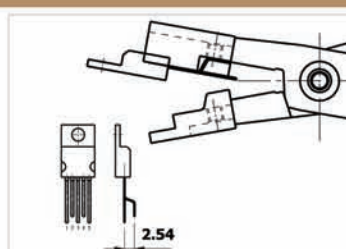


| Order code  | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/36D | 158         | 3                  | 1.30               | 16                |

### PN 5050/53D



**PN 5050/53D:** Special tool designed to form TO220 component (5 leads). It forms 2-4 leads at 2.54 mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.

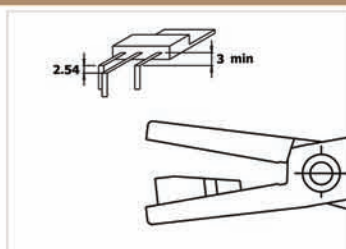


| Order code  | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/53D | 158         | 3                  | 1.30               | 16                |

### PN 5050/6D



**PN 5050/6D:** Special pliers that enables TO220 component leads to be bent at a 90° angle in a single operation, in such a way that the central lead will be 2.54mm longer than the side leads. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.0mm. Tool length 155mm. ESD-safe handles.

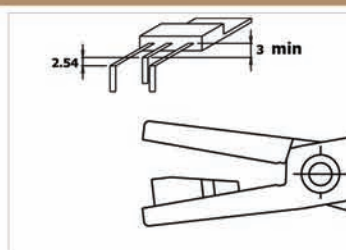


| Order code | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/6D | 155         | 3                  | 1.30               | 16                |

### PN 5050/7D



**PN 5050/7D:** Special pliers that enables TO220 component leads to be bent at a 90° angle in a single operation, in such a way that the central lead will be 2.54mm shorter than the side leads. It is possible to adjust the distance by a sliding foil (min 3 mm). Steel thickness 5.0mm. Tool length 155mm. ESD-safe handles.

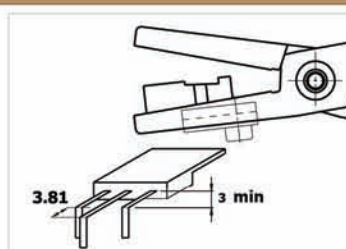


| Order code | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/7D | 155         | 3                  | 1.30               | 16                |

### PN 5050/17D



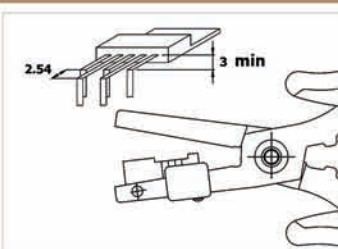
**PN 5050/17D:** Special pliers that enables TO220 component leads to be bent at a 90° angle in a single operation, in such a way that the central lead will be 3.81mm longer than the side leads. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.5mm. Tool length 158mm. ESD-safe handles.



| Order code  | Length (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/17D | 158         | 3                  | 1.30               | 16                |

**PN 5050/21D**

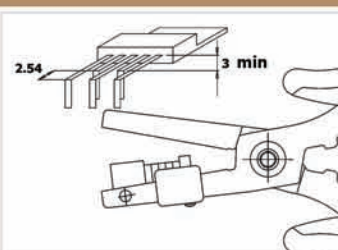
**PN 5050/21D:** Special pliers that enables TO220 component leads (5 leads) to be bent at a 90°angle in a single operation, in such a way that 1-3-5 leads will be 2.54mm shorter than 2-4 leads. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.0mm. Tool length 155mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/21D | 155         | 3                  | 1.30               | 16                |

**PN 5050/37D**

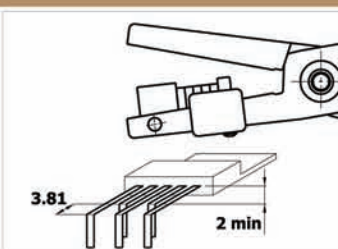
**PN 5050/37D:** Special tool that enables TO220 component leads (5 leads) to be bent at a 90°angle in a single operation, in such a way that 2-4 leads will be 2.54 mm shorter than 1-3-5 leads. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/37D | 158         | 3                  | 1.30               | 16                |

**PN 5050/46D**

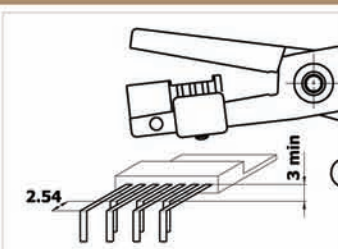
**PN 5050/46:** Special tool that enables TO220 component leads (5 leads) to be bent at a 90°angle in a single operation, in such a way that 2-4 leads will be 3.81 mm shorter than 1-3-5 leads. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.5mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/46D | 158         | 3                  | 1.30               | 16                |

**PN 5050/47D**

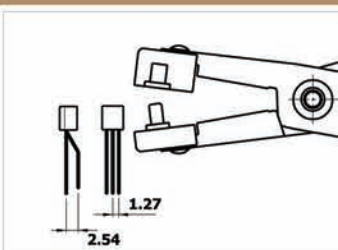
**PN 5050/47D:** Special tool that enables TO220 component leads (7 leads) to be bent at a 90°angle in a single operation, in such a way that 2-4- 6 leads will be 2.54 mm shorter than 1-3-5-7. It is possible to adjust the distance by a sliding foil (min. 3mm). Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/47D | 158         | 3                  | 1.30               | 16                |

**PN 5050/49D**

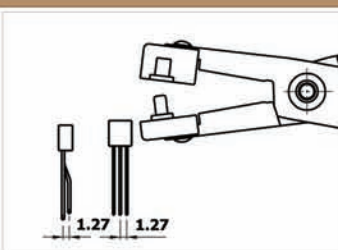
**PN 5050/49D:** Special pliers designed to form the central lead of TO 92 with 2.54mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/49D | 158         | 3                  | 1.30               | 16                |

**PN 5050/25D**

**PN 5050/25D:** Special pliers designed to form the central lead of TO 92 with 1.27mm pitch. Steel thickness 5.0mm. Tool length 158mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| PN 5050/25D | 158         | 3                  | 1.30               | 16                |



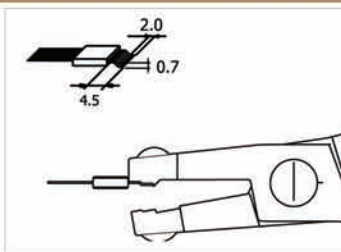


## Special tools *cut of small ICs pliers*

### PNI 5000D



**PNI 5000D:** Special pliers which forms and cuts the IC pins in one operation. Steel thickness 5mm. Tool length 150mm. ESD-safe handles.

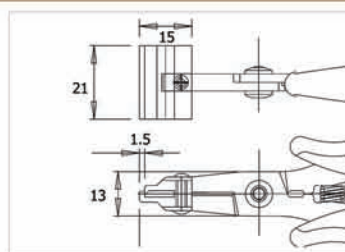


| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PNI 5000D  | 150         | 3                  | 0.80               | 20                |

### PNI 5015D



**PNI 5015D:** Special tool for a clean and flush cut at adjustable height from the surface of a pins line. It is possible to adjust the distance by a sliding foil (min. 1,5-max.10 mm). Steel thickness 5mm. Tool length 155mm. ESD-safe handles.



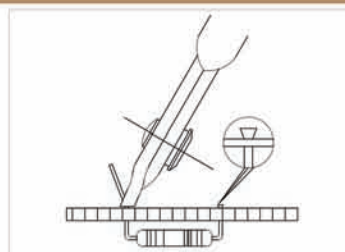
| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| PNI 5015D  | 155         | 5                  | 0.64               | 22                |

## Special tools *cut & press pliers*

### TS 30D



**TS 30D:** A special tool that cuts and presses the component wire against the PCB in one operation. Steel thickness 3mm. Tool length 138mm. ESD-safe handles.



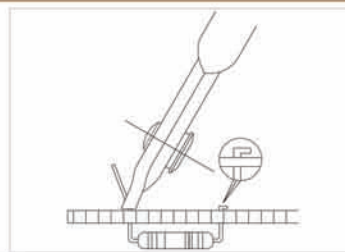
| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| TS 30D     | 138         | 9                  | 1.02               | 18                |

## Special tools *cut & bend pliers*

### TP 30D



**TP 30D:** A special tool that cuts and bends the component wire against the PCB in one operation. Steel thickness 3mm. Tool length 138mm. ESD-safe handles.

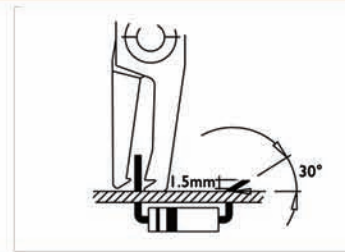


| Order code | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|------------|-------------|--------------------|--------------------|-------------------|
| TP 30D     | 138         | 3                  | 1.02               | 18                |

### TP 5000/15D



**TP 5000/15D:** Special tool for end cutting, ideal when needed to access in dense areas of PCBs. It cuts and bends the component lead in one operation, fixing it to the circuit board. Steel thickness 5mm. Tool length 147mm. ESD-safe handles.



| Order code  | Lenght (mm) | Cutting force (kg) | Copper wire (Ø mm) | Copper wire (awg) |
|-------------|-------------|--------------------|--------------------|-------------------|
| TP 5000/15D | 147         | 3                  | 1.02               | 18                |