

Piergiacomi hand tools

-extract from general catalogue-

www.piergiacomi.com



special tools
cutters
extractors
pliers
shears & wire strippers
tools for optic fibres
cable strippers
precision screwdrivers
tweezers
jeweller's tools
forming machines
crimping machines
spare parts & kits
soldering accessories



PIERGIACOMI
QUALITY HAND TOOLS

CUTTERS

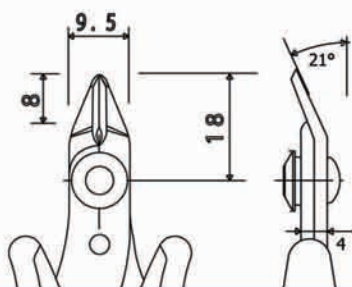
Piergiacomini manufactures almost 50 different kind of cutting tools. To have more info please visit our website www.piergiacomini.com or ask for our general catalogue

TR 20 M



Micro series. Tool for a flush cut.
The reduced head's dimension and its pointed shape, allows access to difficult to reach areas.
Safety clip for holding wire scraps securely after cutting available (*order code TR 20 M A*).
ESD-safe handles version available (*order code TR 20 M D*).
Steel thickness 2.0mm. Tool length 134mm.

cutting force kg	copper wire Ømm	copper wire awg
3.0	0.80	20

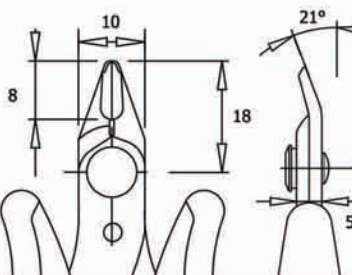


TR 25 P



Micro series. Tool for a flush cut.
With very sharp cutting edges, it is ideal for very delicate work in electronics, allowing access to difficult to reach areas.
Safety clip for holding wire scraps securely after cutting available (*order code TR 25 P A*).
ESD-safe handles version available (*order code TR 25 P D*).
Steel thickness 2.5mm. Tool length 135mm.

cutting force kg	copper wire Ømm	copper wire awg
3.5	1.02	18

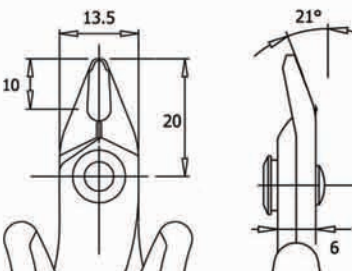


TR 30



Medium series. Tool for a flush cut.
One of the most popular cutting tool.
Safety clip for holding wire scraps securely after cutting available (*order code TR 30 A*).
ESD-safe handles version available (*order code TR 30 D*).
Steel thickness 3.0mm. Tool length 138mm.

cutting force kg	copper wire Ømm	copper wire awg
5.5	1.30	16

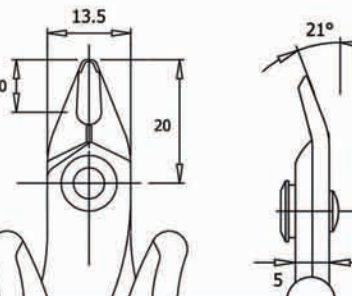


TR 25



Medium series. Tool for a flush cut.
One of the most popular cutting tool.
Safety clip for holding wire scraps securely after cutting available (*order code TR 25 A*).
ESD-safe handles version available (*order code TR 25 D*).
Steel thickness 2.5mm. Tool length 138mm.

cutting force kg	copper wire Ømm	copper wire awg
5.0	1.30	16

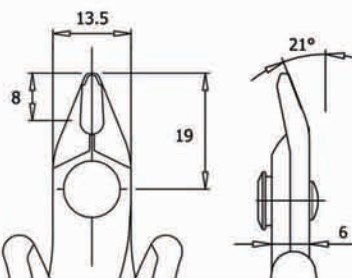


TR 58



Medium series. Tool for a chamfered cut.
The special treatment of blades make this tool suitable for the cutting of ferrous material.
Safety clip for holding wire scraps securely after cutting available (*order code TR 58 A*).
ESD-safe handles version available (*order code TR 58 D*).
Steel thickness 3.0mm. Tool length 137mm.

cutting force kg	copper wire Ømm	copper wire awg
11.0	2.05	12

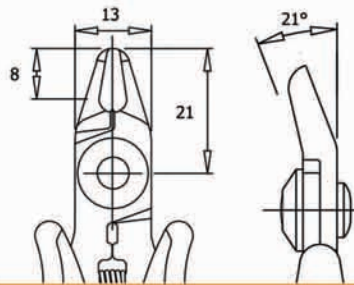


TR 5000 R



Macro series.
Strong tool for a flush cut.
Safety clip for holding wire scraps securely after cutting available (order code TR 5000 R A).
ESD-safe handles version available (order code TR 5000 R D).
Steel thickness 5.0mm.
Tool length 138mm

cutting force kg	copper wire Ømm	copper wire awg
8.0	2.0	12

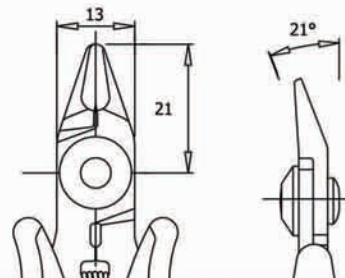


TR 5000 PR



Macro series. Strong tool for a flush cut. With very sharp cutting edges allows access to difficult to reach areas.
Safety clip for holding wire scraps securely after cutting available (order code TR 5000 PR A).
ESD-safe handles version available (order code TR 5000 PR D).
Steel thickness 5.0mm.
Tool length 138mm

cutting force kg	copper wire Ømm	copper wire awg
5.0	1.60	14

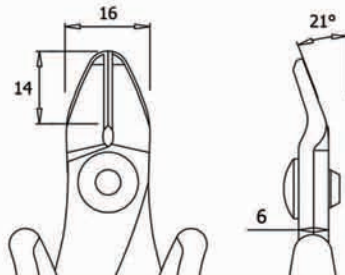


TRR 58



Macro series.
Strong tool for a chamfered cut. For cutting quite resistant materials.
Safety clip for holding wire scraps securely after cutting available (order code TRR 58 A).
ESD-safe handles version available (order code TRR 58 D).
Steel thickness 3.0mm.
Tool length 160mm.

cutting force kg	copper wire Ømm	copper wire awg
15.0	2.59	10

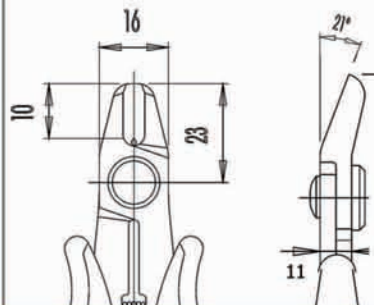


TTR 5500



Macro series. Tool for a very strong chamfered cut.
Special TUNGSTEN treatment on the tool blades which makes it ideal to cut very strong component.
ESD-safe handles version available (order code TR 5500 D).
Steel thickness 5.0mm.
Tool length 138mm.

copper wire Ømm	copper wire awg	ferrous wire Ømm	ferrous wire awg	steel wire Ømm	steel wire awg
2.59	10	2.05	12	0.7	21

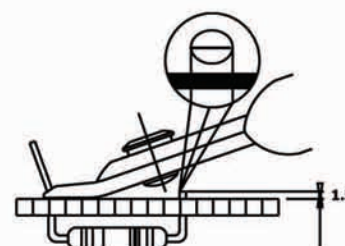


TR 30 15



Medium series. Tool for a perfectly clean and flush cut.
Specially designed for cutting component wires at 1.5mm from the surface.
ESD-safe handles version available (order code TR 30 15 D).
Steel thickness 3.0mm.
Tool length 138mm.

cutting force kg	copper wire Ømm	copper wire awg
5.5	1.30	16



PLIERS

Piergiacomini manufactures almost 40 different kind of pliers. To have more info please visit our website www.piergiacomini.com or ask for our general catalogue

PN 2002 M

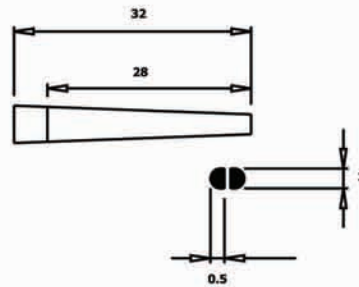


Micro series. Smooth, pointed long nose pliers, with rounded external edges and very thin tips. Ideal for the handling of components in difficult to reach areas with no risk of damage.

Steel thickness 2.0mm. ESD-safe handles version available (order code PN 2002 M D).

hrc	weight	length mm
48-50	64	160

In the micro series also **PN 2002 PM**: smooth, 45° bent long nose pliers with rounded external edges; **PN 20 M**: smooth pointed short nose pliers.



PN 2001



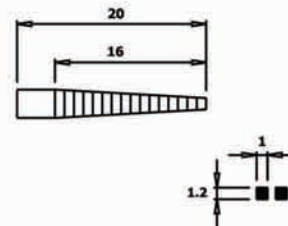
Medium series. The PN 2001 is a serrated, pointed short nose pliers suitable to be used with all type of components.

Steel thickness 3.0mm.

ESD-safe handles version available (order code PN 2001 D).

hrc	weight	length mm
48-50	78	146

In the medium series also short, long, bent at 45° pliers, with flat or pointed nose, with smooth or serrated jaws.



PN 5007



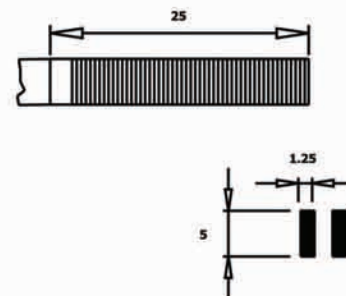
Macro series. The PN 5007 is a serrated flat long nose pliers ideal for the handling of components in difficult to reach areas and where a strong grip is needed.

Steel thickness 5.0mm.

ESD-safe handles version available (order code PN 5007 D).

hrc	weight	length mm
48-50	100	154

In the macro series also other short or long pliers available, flat or pointed nose, with smooth or serrated jaws.



PNB 2015



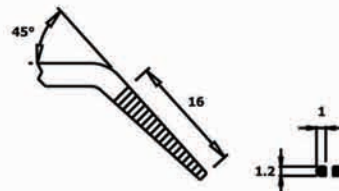
The PNB 2015 is a long serrated, pointed and externally rounded nose pliers, bent at 45°, suitable for the handling of components in difficult to reach areas.

Steel thickness 3.0mm.

ESD-safe handles version available (order code PNB 2015 D).

hrc	weight	length mm
48-50	78	152

In the same shape also flat or pointed nose pliers (serrated or smooth jaws) available.



PN 5025



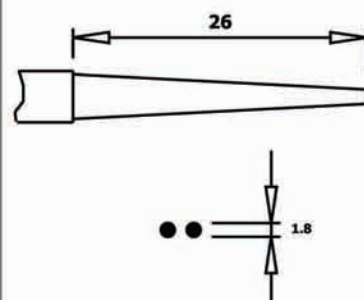
Smooth rounded long nose pliers ideal for the handling of components in difficult to reach areas without causing damage. Tips diameter 1.8mm.

ESD-safe handles version available (order code PN 5025 D).

Steel thickness 5.0mm.

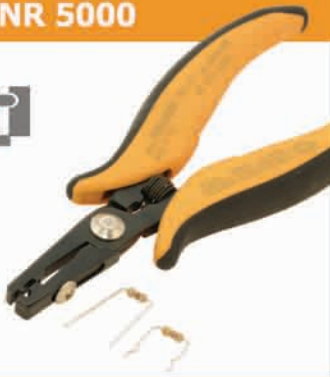
hrc	weight	length mm
48-50	98	154

Available also with serrated jaws, with shorter blades and with 1.0 or 1.6 mm tips diameter.



FORMING PLIERS

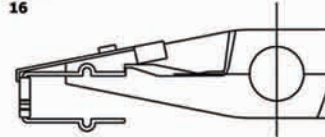
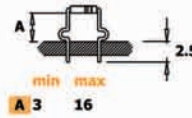
PNR 5000



Special tool that cuts and forms the component wire in one operation. It is possible to adjust the distance by means of a sliding stop (A min 3 max 16).

ESD-safe handles version available (order code PNR 5000 D).
Steel thickness 5.0mm.
Tool length 150mm.

cutting force kg	copper wire Ømm	copper wire awg
3.0	1.02	18



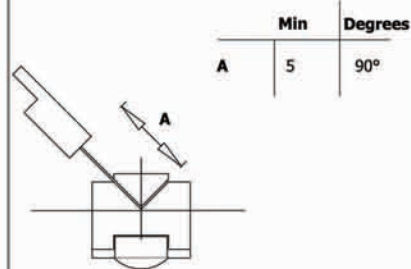
PN5040



Special pliers which forms the component wire at a 90° angle.

ESD-safe handles version available (order code PN 5040 D).
Steel thickness 5.0mm.
Tool length 150mm.

cutting force kg	copper wire Ømm	copper wire awg
3.0	1.30	16



Piergiacomì Sud has developed almost 60 different special tools for several different jobs in the electronics field: forming pliers at C, L, U, 90°, of TO components, cut&press, cut and bend, for seeger, for the insertion of contacts, manual and pneumatic depaneling tools. To have more info please visit our website www.piergiacomì.com or ask for our general catalogue

EXTRACTORS

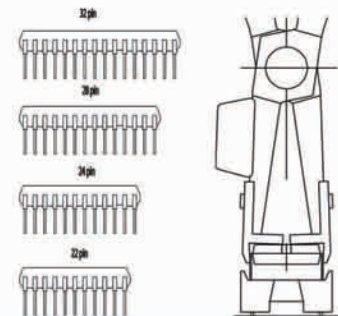
PN 5032



Tool for the insertion and extraction of integrated circuits from 22 up to 32 pins.

extraction force kg	number of pins	component
4	22-32	IC

Also available:
PN 5020: from 14 pins up to 20 pins
PN 5034: from 28 pins up to 40 pins



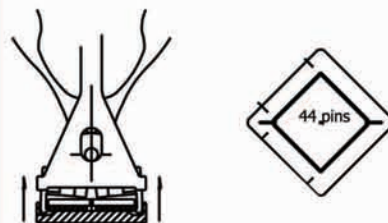
PLCC 44



Tool for the extraction of PLCC with 44 pins from the socket.

extraction force kg	number of pins	component
2.5	44	PLCC

Also available:
PLCC 32: for the extraction of PLCC with 32 pins
PLCC 52: for the extraction of PLCC with 52 pins
PLCC 68: for the extraction of PLCC with 68 pins
PLCC 84: for the extraction of PLCC with 84 pins



Piergiacomì Sud has developed also some extractors for MMCX and SMPX series connectors. To have more info please visit our website www.piergiacomì.com or ask for our general catalogue

SHEARS & WIRE STRIPPERS

CS 30

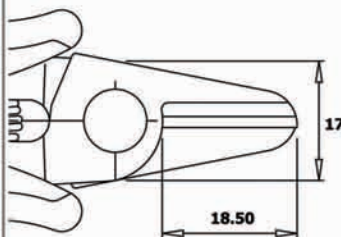


Easy to handle shears, designed for use in electronics but also used for the most desperate tasks.

ESD-safe handles version available (order code CS 30 D).

Steel thickness 3.0mm. Tool length 144mm.

Ømm	awg
1.30	16



CSP 30/1



Multi-purpose tool which can be used as shears, pliers or wire strippers according to customer's need
Wire diameter 0.25-0.81mm
Tool length 168mm.

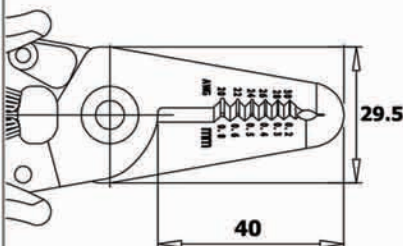
Ømm	awg
0.25-0.81	30-20

Other measures available:

CSP 30/2: 0.81-2.59mm /20-10 awg






CSP 30/7: 0.40-1.30mm /26-16 awg

CCS 10 NB: 0.40-2.60mm /26-10 awg



Piergiacomini Sud has developed almost 30 shears and wire strippers for the electronics and in part for the electro-technical fields. Furthermore a specific range for the cutting and stripping of optic fibres is available. To have more info please visit our website www.piergiacomini.com or ask for our general catalogue

PRECISION SCREWDRIVERS

	Order code	ESD order code	Dimensions	Length (mm)	Blade (Ø mm)
	PG1-0	PG1-0-D	1.2x60	160	2.5
	PG1-1	PG1-1-D	1.5x60	160	2.5
	PG1-2	PG1-2-D	1.8x60	160	2.5
	PG1-3	PG1-3-D	2.5x75	175	2.5
	PG1-4	PG1-4-D	3.0x100	200	3.0
	PG1-5	PG1-5-D	3.0x150	250	3.0
	PG2-0	PG2-0-D	PH-000 2.5x60	160	2.5
	PG2-1	PG2-1-D	PH-00 2.5x60	160	2.5
	PG2-1/75	PG2-1/75-D	PH-00 2.5x75	175	2.5
	PG2-2	PG2-2-D	PH-0 3.0x60	160	3.0
	PG2-2/75	PG2-2/75-D	PH-0 3.0x75	175	3.0
	PG2-2/100	PG2-2/100-D	PH-0 3.0x100	200	3.0
PG2-2/150	PG2-2/150-D	PH-0 3.0x150	250	3.0	
	PG3-0	PG3-0-D	PZ-0 3.0x60	160	3.0
	PG4-0	PG4-0-D	T6x50	150	3.5
	PG4-1	PG4-1-D	T7x50	150	3.5
	PG4-2	PG4-2-D	T8x60	160	3.5
	PG4-3	PG4-3-D	T9x60	160	3.5
	PG4-4	PG4-4-D	T10x60	160	3.5
PG4-5	PG4-5-D	T15x60	160	3.5	
	PG5-0X	PG5-0X-D	TR5x50	150	3.5
	PG5-0	PG5-0-D	TR6x50	150	3.5
	PG5-1	PG5-1-D	TR7x50	150	3.5
	PG5-2	PG5-2-D	TR8x60	160	3.5
	PG5-3	PG5-3-D	TR9x60	160	3.5
PG5-4	PG5-4-D	TR10x60	160	3.5	
PG5-5	PG5-5-D	TR15x60	160	3.5	



esd version



normal version

Precision screwdrivers tool line. Rotation cap, handles with ergonomic shape for maximum user comfort, available in the normal or in the dissipative version (ESD). It is possible to order them single, in sets, in plexiglass or carton displays, in blisterpacks.

TWEEZERS

Piergiacomini manufactures almost 120 different kind of tweezers. To have more info please visit our website www.piergiacomini.com or ask for our general catalogue

2A



length mm	length"	version
120	4-3/4"	SA

2A SA precision tweezers with rounded and flat tips for general gripping purposes.

00



length mm	length"	version
120	4-3/4"	SA

00 SA precision tweezers with strong and pointed tips for general and standard applications.

15 AP



length mm	length"	version
115	4-1/2"	CARBON

15 AP tweezers with parallel cutting edge. Ideal for the cutting of spring or small wires where high precision is required.

102



length mm	length"	version
120	4-3/4"	SA

102 tweezers for the handling of chips and SMD components; angled tips for fatigue reduction.

578



length mm	length"	version
120	4-3/4"	SA

578 tweezers for the handling and assembling of cylindrical components. Ø 2mm.

4R



length mm	length"	version
110	4-1/4"	SA

4R tweezers with very fine and sharp tips with reverse action.

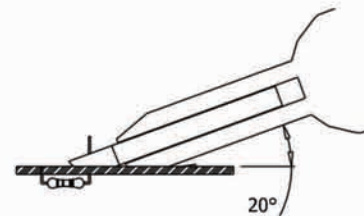
PNEUMATIC TOOLS



TPP TR 6000 R
Pneumatic tool for a flush cut.

Available also with the following blades:
TPP TR 6000 PR: flush cut with pointed tips
TPP TR 6000 10: flush cut at 1.0mm from the surface;
TPP TR 6000 13: flush cut at 1.3mm from the surface;
TPP TR 6000 15: flush cut at 1.5mm from the surface;
TPP TR 6000: chamfered cut
TPP TP 6000: cut and bend blocking the component on the PCB
TPP TP 6000 15: cut and bend blocking the component on the PCB (for high density areas)
TPP TS 6000: cut and press blocking the component on the PCB.

cutting force kg	copper wire Ømm	copper wire awg
22	1.60	14



DPP
Pneumatic depaneling tool.
The DPP is suitable for the quick, economic and secure separation of PCBs, leaving the cut edges well finished.
The interchangeability of the blades, made from special steel in various thicknesses, enable it to satisfy all customer requirements.
(Isthmus length 1÷3 mm)

Available with the following blades:
DPP 20 N: blade thickness 2.0mm
DPP 23 N: blade thickness 2.3mm
DPP 24 N: blade thickness 2.4mm
DPP 25 N: blade thickness 2.5mm

Also available in a set with the full range of blades (order code: SET DPP)

