



Alligator Clips

Altech Alligator clips have the proper jaw opening and grabbing strength for every application. From a Micro SMD clip for measuring smallest surface-mount components up to a 30mm (1.18in) “big mouth” a wide range of alligator clips is available.

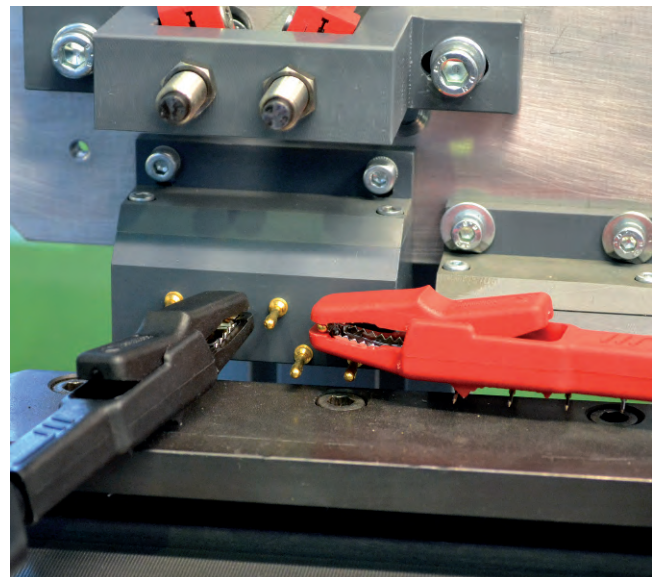
- Various clamping ranges
- Stainless steel versions for use in galvanic and acid environments
- Soldering connections for “do it yourself” connections



“Big Mouth” AK 2B 2540 1 with wide pin opening is especially suitable for cars.



Special solution for very small SMD components
MICRO-SMD CLIP 1.



Alligator Clips

0.64 and 2 mm System



Type

MICRO-SMD CLIP 1

Spring loaded 2 pole test clip designed for MSD components; gold plated, hardened tip; flat nose for testing individual components; insulated spring, 0.64mm connection pin terminal.

Clamping range

0 mm to 8 mm (0.31")

PART NO. / Housing color

972416100 ●



AGF 1

Mini alligator clip for small components, silver plated, solder/ crimp terminal max. 0.5mm².

1 mm (0.04")

930476001 ●

Technical Data

Contact Type alligator clip
 Connection Type 2x pin 0.64 mm
 Voltage Rating 30 VAC / 60 VDC
 Measurement Category (IEC61010) CAT I
 Current Rating* 1 A
 Contact Resistance 6 mOhm

Material Specifications

Alligator Clip gold plated copper beryllium
 Housing PBT

Environmental Conditions

Temperature Range -30 °C to +100 °C (22°F to 212°F)

Flamability Rating

Housing UL 94 HB

alligator clip
 solder, crimp 0.5mm²
 30 VAC / 60 VDC
 CAT I
 3 A
 15 mOhm

silver plated brass

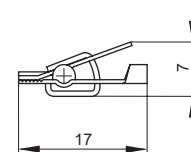
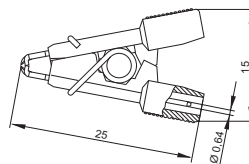
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-25°C to +100 °C (13°F to 212°F)

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Drawing

Measurements are shown in millimeters.
 Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.



Alligator Clips 2 mm System



Type

MA 1 Crimp

Mini Alligator Clip, high-strength insulation, nickel plated brass/ bronze jaws, crimp terminal 0.25mm 2-0.5mm² for suitable crimp tool insert.

MA 1

Mini Alligator Clip, high-strength insulation, nickel plated brass/ bronze jaws, 2mm system socket terminal.

MA 1 S

Mini Alligator Clip, high-strength insulation, stainless steel spring, nickel plated brass/ bronze jaws, 2mm system socket terminal.

Clamping range

4 mm (0.16")

4 mm (0.16")

4 mm (0.16")

PART NO. / Housing color

930318100 ● 930318104 ●
 930318101 ● 930318106 ●
 930318102 ● 930318107 ○
 930318103 ●

930317800 ● 930317804 ●
 930317801 ● 930317806 ●
 930317802 ● 930317807 ○
 930317803 ●

973584100 ● 973584104 ●
 973584101 ● 973584106 ●
 973584102 ● 973584107 ○
 973584103 ●

Technical Data

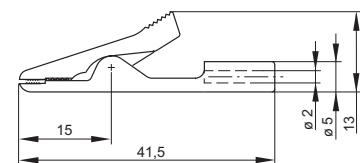
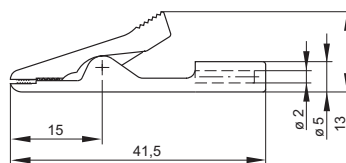
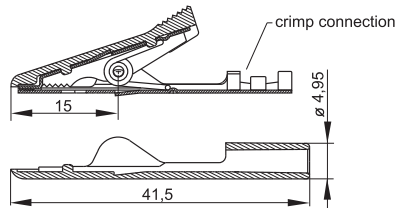
Contact Type	alligator clip
Connection Type	crimp 0.25 mm ² up to 0.5 mm ²
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	8 A
Contact Resistance	5 mOhm
Material Specifications	
Alligator Clip	nickel plated brass / bronze
Housing	PP
Environmental Conditions	
Temperature Range	-25°C to +100 °C (13°F to 212°F)
Flamability Rating	
Housing	UL 94 HB

Contact Type	alligator clip
Connection Type	spring-loaded socket Ø 2 mm
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	8 A
Contact Resistance	5 mOhm
Material Specifications	
Alligator Clip	nickel plated brass / bronze
Housing	PP
Environmental Conditions	
Temperature Range	-25°C to +100 °C (13°F to 212°F)
Flamability Rating	
Housing	UL 94 HB

Contact Type	alligator clip
Connection Type	spring-loaded socket Ø 2 mm
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	8 A
Contact Resistance	5 mOhm
Material Specifications	
Alligator Clip	tin plated brass / bronze
Housing	PP
Environmental Conditions	
Temperature Range	-25°C to +100 °C (13°F to 212°F)
Flamability Rating	
Housing	UL 94 HB

Drawing

Measurements are shown in millimeters.
 Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.

Alligator Clips 4 mm System



Type

AGF 2

Extra small Alligator Clip, for extremely small dense contact points, jaws insulated on the outside, 2mm and 4mm system socket terminal.

AGF 20

Steel Alligator Clip, nickel plated, max, jaw opening 12mm, 4mm system socket and solder terminal.

AGF 30

Stainless Steel Alligator Clip, max, jaw opening 10mm, 4mm system socket and solder terminal.

Clamping range

4 mm (0.16")

12 mm (0.47")

10 mm (0.40")

PART NO. / Housing color

931272100 ●
931272101 ●

930120000

930122000

Technical Data

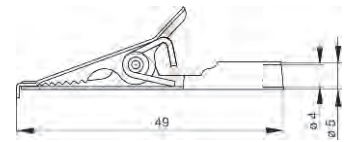
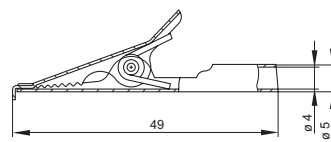
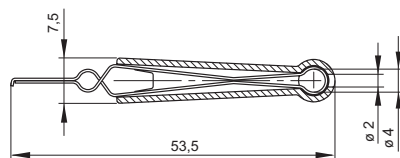
Contact Type	alligator clip
Connection Type	socket Ø 4mm and Ø 2mm
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	6 A
Contact Resistance	300 mOhm
Material Specifications	
Alligator Clip	stainless steel
Housing	PVC-P
Environmental Conditions	
Temperature Range	-25°C to +80 °C (13°F to 176°F)
Flamability Rating	
Housing	-

Contact Type	alligator clip
Connection Type	socket Ø 4 mm, solder terminal
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	4 A
Contact Resistance	15 mOhm
Material Specifications	
Alligator Clip	nickel plated steel
Housing	-
Environmental Conditions	
Temperature Range	-25°C to +100 °C (13°F to 212°F)
Flamability Rating	
Housing	-

Contact Type	alligator clip
Connection Type	socket Ø 4 mm, solder terminal
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	4 A
Contact Resistance	15 mOhm
Material Specifications	
Alligator Clip	stainless steel
Housing	-
Environmental Conditions	
Temperature Range	-25°C to +100 °C (13°F to 212°F)
Flamability Rating	
Housing	-

Drawing

Measurements are shown in millimeters.
Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.



Alligator Clips 4 mm System



Type

AGS 20

Steel Alligator Clip, nickel plated, max. jaw opening mm, 4mm system socket and solder/ screw terminal.

AK 10

Insulated Alligator Clip, tin plated brass insert, suitable for very thin wires, 4mm system socket terminal.

AK 2 S

High Strength Alligator Clip, insulated, nickel plated brass, 4mm system socket and screw terminal max. 1.5mm².

Clamping range

5 mm (0.20")

6 mm (0.24")

9.5 mm (0.37")

PART NO. / Housing color

603006001

930126100 ●
930126101 ●
930126102 ●
930126103 ●
930126104 ●

932146100 ●
932146101 ●

Technical Data

Contact Type	alligator clip
Connection Type	socket Ø 4 mm, solder screw terminal
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	4 A
Contact Resistance	10 mOhm

Material Specifications

Alligator Clip	nickel plated steel
Housing	-

Environmental Conditions

Temperature Range	-25°C to +100 °C (13°F to 212°F)
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Flamability Rating

Housing	-
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Contact Type	alligator clip
Connection Type	socket Ø 4 mm
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	6 A
Contact Resistance	15 mOhm

Alligator Clip	tin plated brass
Housing	PS

Temperature Range	-25°C to +100 °C (13°F to 212°F)
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Housing	UL 94 HB
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Contact Type	alligator clip
Connection Type	socket Ø 4 mm, screw terminal
Voltage Rating	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I
Current Rating*	25 A
Contact Resistance	10 mOhm

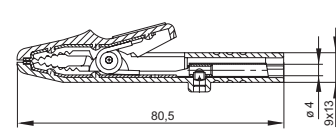
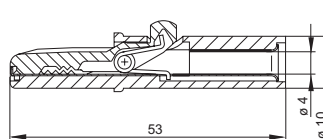
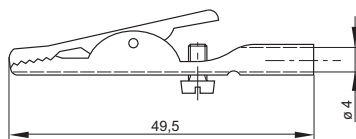
Alligator Clip	nickel plated brass
Housing	PP

Temperature Range	-25°C to +80 °C (13°F to 176°F)
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Housing	UL 94 HB
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Drawing

Measurements are shown in millimeters.
 Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.

Alligator Clips 4 mm System



CE



CE



CE

Type

MA 260 SH

Touch proof mini Alligator Clip, nickel plated bronze, jaw opening 6mm, 4mm system socket and solder terminal.

AK 2 B

High Strength Alligator Clip, touch proof, nickel plated brass, 9.5mm jaw opening, 4mm system socket terminal.

AK 2 B 2540 I

High Strength wide opening Alligator Clip, touch proof, nickel plated brass, 30mm jaw opening, 4mm system socket terminal.

Clamping range

6 mm (0.24")

9.5 mm (0.37")

30 mm (1.18")

PART NO. / Housing color

973889100 ●
973889101 ●

932435100 ●
932435101 ●

972405100 ●
972405101 ●
972405102 ●
972405103 ●
972405104 ●
972405188 ●

Technical Data

Contact Type alligator clip
Connection Type socket Ø 4 mm, solder terminal
Voltage Rating AC/DC 300 V
Measurement Category (IEC61010) CAT II
Current Rating* 15 A
Contact Resistance 5 mOhm

Material Specifications

Alligator Clip nickel plated bronze
Housing PA

Environmental Conditions

Temperature Range -25°C to +80 °C (13°F to 176°F)

Flamability Rating

Housing UL 94 HB

Contact Type alligator clip
Connection Type socket Ø 4 mm, solder terminal
Voltage Rating AC/DC 300 V
Measurement Category (IEC61010) CAT II
Current Rating* 25 A
Contact Resistance 10 mOhm

Alligator Clip nickel plated brass
Housing PP

Temperature Range -25°C to +80 °C (13°F to 176°F)

Housing UL 94 HB

Contact Type alligator clip
Connection Type socket Ø 4 mm
Voltage Rating AC/DC 1000 V
Measurement Category (IEC61010) CAT II
Current Rating* 32 A
Contact Resistance 10 mOhm

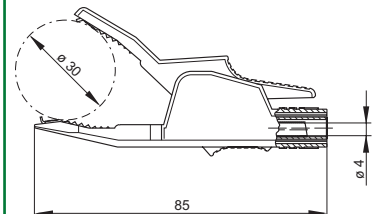
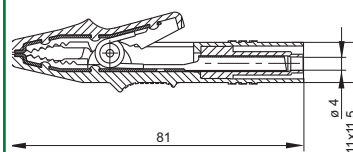
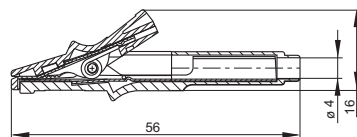
Alligator Clip nickel plated brass
Housing PP

Temperature Range -30°C to +90 °C (22°F to 194°F)

Housing UL 94 HB

Drawing

Measurements are shown in millimeters.
Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.