



Innovations Since 1908

PRODUCT FAMILIES

[Pin Headers and Sockets](#)
[Clips and Insulators](#)
[Alligator Clips](#)
[Multi-Purpose Clips](#)
[Plyer-Type Clips](#)
[Kelvin Clips](#)
[Telecom Clips](#)
[Banana Plugs and Jacks](#)
[Grabbers, Probes and Spade Terminals](#)
[Test Leads and Patch Cords](#)
[Coaxial Cable Assemblies](#)
[DMM Kits](#)

ISO 9001:2000

Alligator Clips

A pioneer and leader in the manufacture of [alligator clips](#), [test leads](#), and [banana plugs](#).

While the founder of **Mueller Electric Company** invented alligator clips, the company has since expanded its product lines into electric test clips, test leads, test accessories, and board to board connectors, sold to qualifying manufacturers and through leading authorized distributors. Browse our alligator clip selection for the best item to fulfill your requirements.

Miniature Alligator



Model # BU-30/BU-30C

- Solder or crimp connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel (BU-30) or solid copper (BU-30C)
- Length: 1.1" (27.78mm)
- Federal Spec: CID AA59466-001 (BU-30C)
- Rating: 5 Amps

CHECK INVENTORY

Miniature Alligator with Barrel



Model # BU-30BL

- Solder or crimp connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel
- Length: 1.25" (31.75mm)
- Rating: 5 Amps

[CHECK INVENTORY](#)

Miniature Alligator with Threaded Barrel



Model # BU-30TBO

- 6-32 threaded steel barrel connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel
- Length: 1.5" (38.75mm)
- Rating: 5 Amps

[CHECK INVENTORY](#)

Insulator for Mini Alligator Barrel/Threaded Barrel



Model # BU-31-*

- Protective flexible vinyl insulator for 30BL, 30TBO

- Material: PVC
- Length: 1.63" (41.28mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

CHECK INVENTORY

Insulator for Miniature Alligator



Model# BU-32-*

- Protective flexible vinyl insulator for 30, 30C
- Material: PVC
- Length: 1.63" (41.28mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

CHECK INVENTORY

Micro-Alligator



Model# BU-34/BU-34C

- Solder or crimp connection
- Jaw opens 0.22" (5.6 mm) max
- Material: nickel-plated steel (BU-34) or solid copper (BU-34C)
- Length: 1.09" (27.78mm)
- Rating: 5 Amps

CHECK INVENTORY

Insulator for Micro Alligator



Model # BU-36-*

- Protective flexible vinyl insulator for 34, 34C
- Material: PVC
- Length: 1.22" (30.95mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

CHECK INVENTORY

Alligator Clip with Barrel



Model # BU-60/BU-60C/BU-60X

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Solder or crimp connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU-60), solid copper (BU-60C), solid stainless steel (BU-60X)
- Length: 1.97" (50mm)
- Rating: 10 Amps

CHECK INVENTORY

Alligator Clip with Acetate Handle



Model # BU-60H-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel clip; tenite acetate insulated handle
- Length: 2.23" (56.75mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White
- Rating: 10 Amps

CHECK INVENTORY

Phone Tip Alligator Clip with Acetate Handle



Model # BU-60HPR-*

- Accepts standard phone tip or test prod tip
- Material: nickel-plated steel clip; tenite acetate insulated handle
- Length: 2.23" (56.75mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White
- Rating: 10 Amps

CHECK INVENTORY

Alligator Clip with Acetate Handle and Screw



Model # BU-60HS-*/BU-60CHS-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU-60HS-*) or solid copper (BU-60CHS-*) clip; tenite acetate insulated handle
- Length: 2.34" (59.53mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White
- Federal Spec: AA59466-003 (red), AA59466-016 (black), (BU-60CHS-*)
- Rating: 10 Amps

CHECK INVENTORY

Phone Tip Alligator Clip



Model # BU-60PR2

- Accepts standard phone tip or test prod tip
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 1.97" (50mm)
- Rating: 10 Amps

[CHECK INVENTORY](#)

Alligator Clip with Screw



Model # BU-60S/BU-60CS

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- 6-40 screw connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU-60S) or solid copper (BU-60CS)
- Length: 1.97" (50mm)
- Federal Spec: CID AA59466-002 (BU-60CS)
- Rating: 10 Amps

[CHECK INVENTORY](#)

Threaded Barrel Alligator Clip



Model # BU-60TBO

- 8-32 threaded barrel connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 2.13" (53.97mm)
- Rating: 10 Amps

[CHECK INVENTORY](#)

Alligator Clip



Model # BU-60U

- Solder or crimp connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 1.97" (50mm)
- Rating: 10 Amps

[CHECK INVENTORY](#)

Alligator Clip with Cage Spring Barrel



Model # BU-61

- Cage spring connection accepts standard prod needle (0.080 dia.)
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel clip, nickel-plated brass insert, gold plated beryllium copper cage spring
- Length: 2.03" (51.59mm)
- Rating: 10 Amps

[CHECK INVENTORY](#)

Insulator for Alligator Clips



Model # BU-62-*

- Protective flexible vinyl insulator for 60, 60C, 60CS, 60PR2, 60S, 60TBO, 60U, 60X and 61
- Material: PVC
- Length: 2.03" (51.59mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

[CHECK INVENTORY](#)

Insulated Alligator Clip



Model BU-63-*/BU-63C-*

- BU-63-* same as BU-60S and includes a skin-tight, two-piece, flexible insulator
- BU-63C-* same as BU-60CS and includes a skin-tight, two piece, flexible insulator
- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Material: nickel-plated steel (BU-63-*) or solid copper (BU-63C-*); PVC insulator
- Length: 2.25" (57.15mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White
- Rating: 10 Amps

CHECK INVENTORY

Large Safety Alligator Clip



Model # BU-65-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.75" (19 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.23" (82.04mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -6 Blue
- Rating: 1000 V, 30 Amps, IEC 1010 Compliant

CHECK INVENTORY

Alligator Clip



Model # BU-70/BU-70C

- Solder or crimp connection
- Jaw opens 0.313" (7.9 mm) max
- Material: nickel-plated steel (BU-70) or solid copper (BU-70C)
- Length: 1.69" (42.86mm)
- Rating: 5 Amps (BU-70) or 10 Amps (BU-70C)

[CHECK INVENTORY](#)

Alligator Clip with Screw



Model # BU-70S/BU-70CS

- 6-40 screw or crimp connection
- Jaw opens 0.313" (7.9 mm) max
- Material: nickel-plated steel (BU-70S) or solid copper (BU-70CS)
- Length: 1.69" (42.86mm)
- Federal Spec: AA59466-0017 (BU-70CS-*)
- Rating: 5 Amps (BU-70S) or 10 Amps (BU-70CS)

[CHECK INVENTORY](#)

Insulator for Alligator Clip



Model # BU-72-*

- Protective flexible vinyl insulator for 70, 70C, 70CS, 70S
- Material: PVC
- Length: 1.81" (46.04mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

[CHECK INVENTORY](#)

Crocodile Clip



Model # BU-85/BU-85C

- Crimp or screw connection
- Jaw opens 0.313" (7.9 mm) max
- Nesting teeth provide solid contact along entire length of jaw
- Material: zinc-plated steel (BU-85) or solid copper (BU-85C)
- Length: 2.125" (53.97mm)
- Federal Spec: AA59466-005 (BU-85C)

- Rating: 5 Amps (BU-85) or 10 Amps (BU-85C)

CHECK INVENTORY

Insulator for Crocodile Clip



Model# BU-87-*

- Protective flexible vinyl insulator for 85, 85C
- Material: PVC
- Length: 1.7" (43.26mm)
- *Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

CHECK INVENTORY

Alligator Clip



Model# BU-651-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.27" (7 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 2.24" (57mm)
- *Std. Colors: -0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant

CHECK INVENTORY

Small Safety Alligator Clip with Extended Banana Jack



Model# BU-652-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.27" (7 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.24" (82mm)
- *Std. Colors: -0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant

CHECK INVENTORY

Large Flanged Safety Alligator Clip



Model # BU-654-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 1.00" (26 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.19" (81mm)
- *Std. Colors: -0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant

CHECK INVENTORY

TOOL **SEARCH TOOLS**
MUELLER OR DISTY STK SEARCH /
PRODUCT DATA

PART #

SEARCH

TOOL
CROSS COMPETITOR PART #

Choose a Brand

PART #

SEARCH

TOOL
**MeterMate® DMM ACCESSORY
SELECTOR**

Select Meter Make

Select a Make First

TOOL
**BUILD A PCB HEADER OR
SOCKET**
OVER 10,000 IN STOCK! **GO**

© 2008 Mueller Electric Company, Inc.

[Home](#) | [Products](#) | [Check Order Status](#) | [About Us](#) | [Contact Us](#) | [Request a Catalog](#) | [Site Map](#)