



Mueller clips are the industry standard. Our designs □  
 reflect over 100 years of innovation and improvement. □  
 Mueller clips assure teeth that bite, springs that hold, □  
 plating that lasts and insulators that protect.

Color Key		
0=Black	4=Yellow	6=Blue
2=Red	5=Green	9=White

### Miniature Alligator

#### Model # BU-30/BU-30C

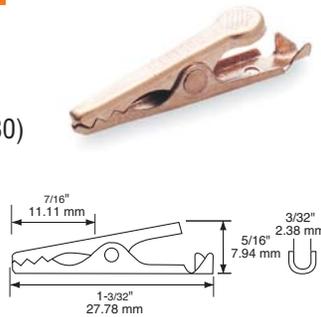
Solder or crimp connection  
 Jaw opens 0.188" (4.8 mm) max

**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



### Miniature Alligator with Barrel

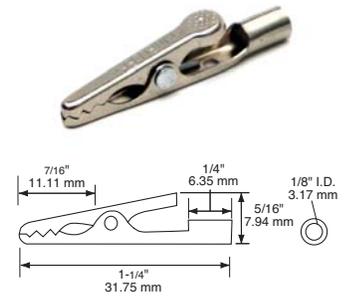
#### Model # BU-30BL

Solder or crimp connection  
 Jaw opens 0.188" (4.8 mm) max

**Material:** nickel-plated steel

**Length:** 1.25" (31.75mm)

**Rating:** 5 Amps



### Insulator for Miniature Alligator

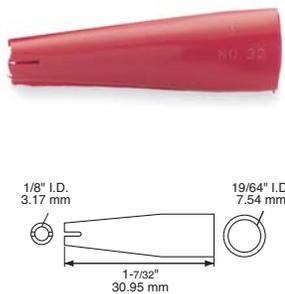
#### Model # BU-32-\*

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



### 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



## Insulator for Mini Alligator Barrel/Threaded Barrel

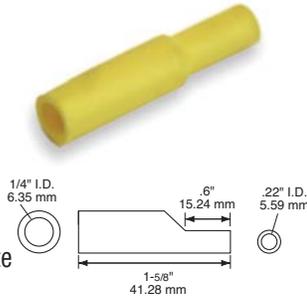
### Model # BU-31-\*

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



## Micro-Alligator

### Model # BU-34/BU-34C

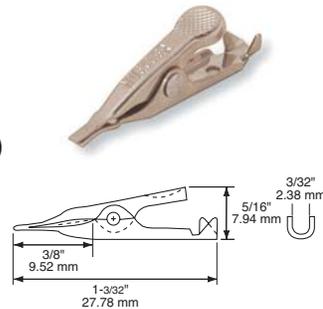
Solder or crimp connection

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



## 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



## Alligator Clip with Barrel

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

Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs

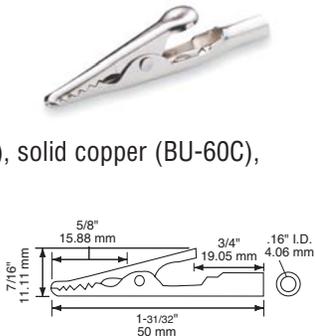
Solder or crimp connection

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



## 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

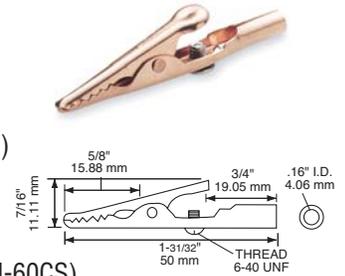
Jaw opens 0.31" (7.9 mm) max

**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



## 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



## 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



## Alligator Clip

### Model # BU-60U

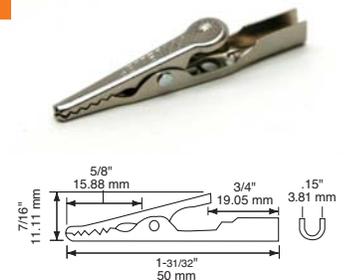
Solder or crimp connection

Jaw opens 0.31" (7.9 mm) max

**Material:** nickel-plated steel

**Length:** 1.97" (50mm)

**Rating:** 10 Amps



## Alligator Clip with Cage Spring Barrel

### Model # BU-61

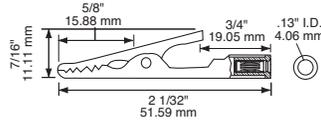
Cage spring connection accepts standard prod needle (0.080 dia.)

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



## Insulator for Alligator Clips

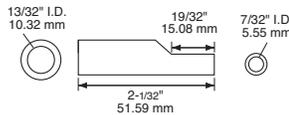
### Model # BU-62-\*

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



## Alligator Clip with Acetate Handle

### Model # BU-60H-\*

Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs

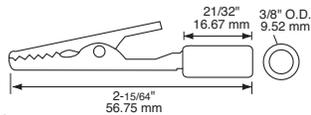
Jaw opens 0.31" (7.9 mm) max

**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



## 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

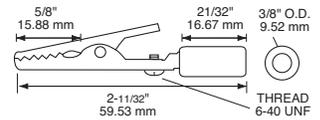
**Material:** nickel-plated steel (BU-60HS-\*) or solid copper (BU-60CHS-\*) clip; tenite acetate insulated handle

**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



## Phone Tip Alligator Clip with Acetate Handle

### Model # BU-60HPR-\*

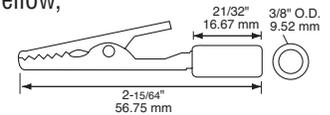
Accepts standard phone tip or test prod tip

**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



## 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

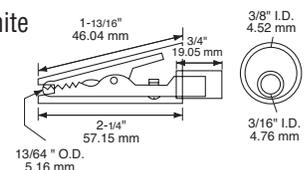
Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs

**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



## Alligator Clip

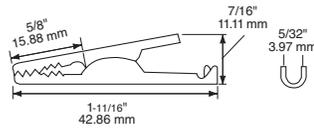
### Model # BU-70/BU-70C

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)



## Alligator Clip with Screw

### Model # BU-70S/BU-70CS

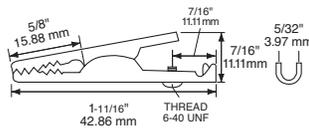
6-40 screw or crimp connection  
Jaw opens 0.313" (7.9 mm) max

**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)



## Insulator for Alligator Clip

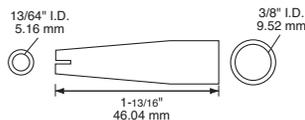
### Model # BU-72-\*

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



## Crocodile Clip

### Model # BU-85/BU-85C

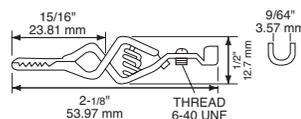
Crimp or screw connection  
Jaw opens 0.313" (7.9 mm) max  
Nesting teeth provide solid contact along entire length of jaw

**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)



## Insulator for Crocodile Clip

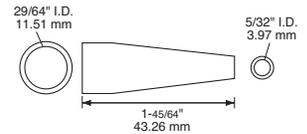
### Model # BU-87-\*

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



## Small Safety 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



## 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



## 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



## 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



## Pee-Wee Clip

### Model # BU-45/BU-45C

Screw or crimp connection

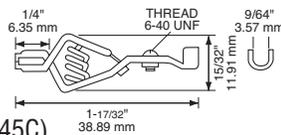
Jaw opens 0.31" (7.9 mm) max

**Material:** zinc-plated steel (BU-45) or solid copper (BU-45C)

**Length:** 1.53" (38.89mm)

**Federal Spec:** CID AA59466-006 (BU-45C)

**Rating:** 5 Amps (BU-45) or 10 Amps (BU-45C)



## Insulator for Pee-Wee Clip

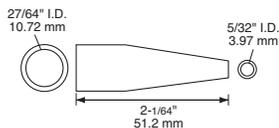
### Model # BU-47-\*

Protective flexible vinyl insulator for 45, 45C

**Material:** PVC

**Length:** 2.02" (51.2 mm)

\***Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Economy Clip

### Model # BU-55

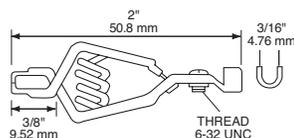
Screw or crimp connection

Jaw opens 0.44" (11.1 mm) max

**Material:** zinc-plated steel

**Length:** 2" (50.8mm)

**Rating:** 10 Amps



## Insulator

### Model # BU-74-\*

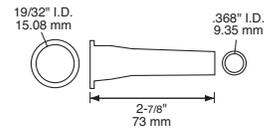
Protective flexible vinyl insulator for 55

Accepts 0.27" (7 mm) ignition wire

**Material:** PVC

**Length:** 2.875" (73mm)

\***Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Automotive Analyzer Clip

### Model # BU-48B/BU-48C

Screw or crimp connection

Jaw opens 0.5" (12.7 mm) max

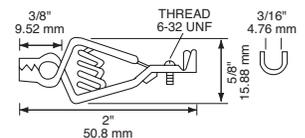
Teeth mesh on three sides of the jaw

**Material:** zinc-plated steel (BU-48B) or solid copper (BU-48C)

**Length:** 2" (50.8mm)

**Federal Spec:** CID AA59466-007 (BU-48C)

**Rating:** 10 Amps (BU-48B) or 20 Amps (BU-48C)



## Automotive Analyzer Clip

### Model # BU-48B2E

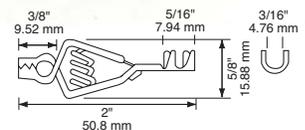
Screw or double crimp connection

Jaw opens 0.5" (12.7 mm) max

**Material:** zinc-plated steel

**Length:** 2" (50.8mm)

**Rating:** 10 Amps



## Meter Testing Clip With Needle

### Model # BU-50C

Solid copper clip with beryllium copper piercing needle in the top jaw

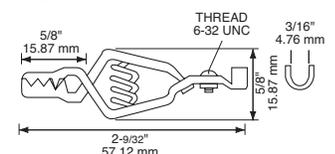
Jaw opens 0.5" (12.7 mm) max

**Material:** Solid copper

**Length:** 2.28" (57.12mm)

**Federal Spec:** CID AA59466-013

**Rating:** 20 Amps



## Meter Testing Clip

### Model # BU-51C

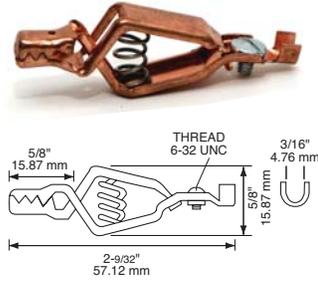
Same as BU-50C except without insulation piercing needle

Jaw opens 0.5" (12.7 mm) max

**Material:** Solid copper

**Length:** 2.28" (57.12mm)

**Rating:** 20 Amps



## Insulator for Automotive Analyzer Clip

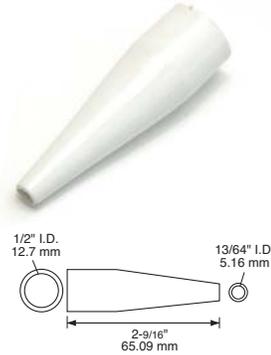
### Model # BU-49-\*

Protective flexible vinyl insulator for 48B, 48B2E, 48C, 50C, 51C, 55, 95

**Material:** PVC

**Length:** 2.56" (65.09mm)

\*Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## General Purpose Clip

### Model # BU-27/BU-27C

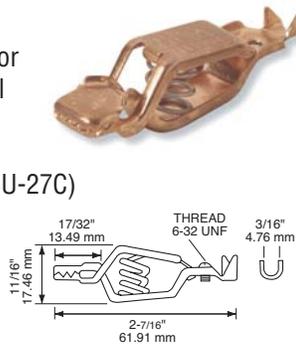
Crimp or screw connection; jaw opens 0.625" (16 mm) max

**Material:** zinc-plated steel (BU-27) or solid copper (BU-27C); *Spring:* steel

**Length:** 2.44" (61.9mm)

**Federal Spec:** CID AA59466-008 (BU-27C)

**Rating:** 20 Amps (BU-27) or 40 Amps (BU-27C)



## Geophone Clip

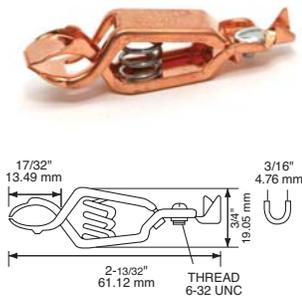
### Model # BU-27CG/BU-27CGW

Crimp or screw connection; jaw opens 0.625" (16 mm) max; curved jaws clip on to seismograph rings

**Material:** solid copper; *Spring:* steel

**Length:** 2.4" (61.1mm)

**Rating:** 40 Amps



## General Purpose/Geophone Clips

### Model # BU-29-\*

Protective flexible vinyl insulator for 27, 27C, 27CG, 27CGW

**Material:** PVC

**Length:** 3.5" (88.9mm)

\*Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Insulator for General Purpose/Geophone Clips

### Model # BU-90-\*

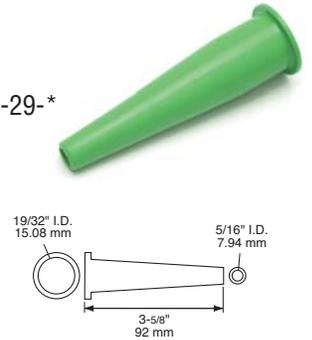
Protective flexible vinyl insulator for 27, 27C, 27CG and 27CGW

Accepts larger wires or cables than BU-29-\*

**Material:** PVC

**Length:** 3.375" (92mm)

\*Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Heavy Duty Clip

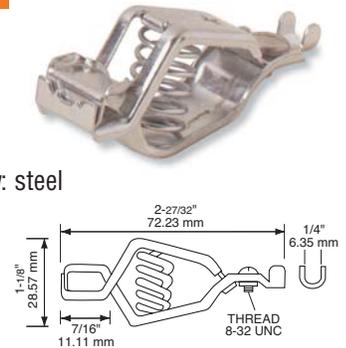
### Model # BU-24APN/BU-24APS

Crimp or screw connection; jaw opens 0.75" (19 mm) max; clip unmarked (BU-24APN) and marked positive (BU-24APS)

**Material:** zinc-plated steel; *Spring:* steel

**Length:** 2.84" (72.23mm)

**Rating:** 25 Amps



## Automotive Clip

### Model # BU-25/BU-25C

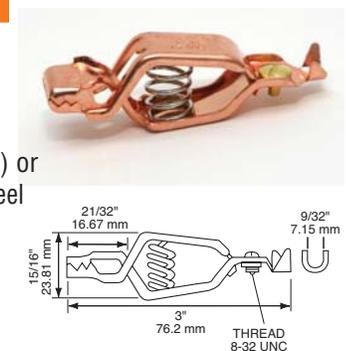
Crimp or screw connection; jaw opens 0.75" (19 mm) max; teeth mesh on three sides of the jaw

**Material:** zinc-plated steel (BU-25) or solid copper (BU-25C); *Spring:* steel

**Length:** 3" (72.6mm)

**Federal Spec:** CID AA59466-009 (BU-25C)

**Rating:** 40 Amps (BU-25) or 75 Amps (BU-25C)



## Insulator for Automotive Clip

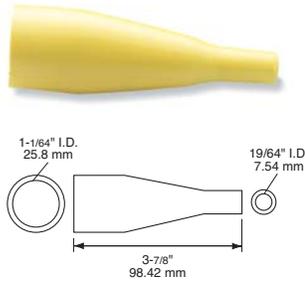
### Model # BU-26-\*

Protective flexible vinyl insulator for 24A, 25, 25C

**Material:** PVC

**Length:** 3.88" (98.4 mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Heavy Duty Clip for Battery and Test Work

### Model # BU-21APN/BU-21APS/BU-21CPN/BU-21CPS

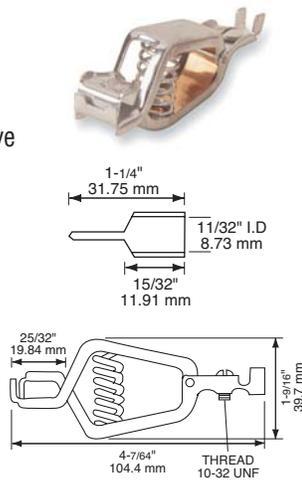
Crimp or screw connection; copper version (21C) equipped with removable copper lug; jaw opens 1.06" (27 mm) max; clip unmarked (BU-21APN/CPN) and marked positive (BU-21APS/CPS)

**Material:** zinc-plated steel (21A) or solid copper (21C); *Spring:* steel

**Length:** 4.11" (104.4mm)

**Federal Spec:** CID AA59466-010 (BU-21CPN)

**Rating:** 50 Amps (21A) or 100 Amps (21C)



## Insulator for Heavy Duty Battery Test Clip

### Model # BU-23-\*

Protective flexible vinyl insulator for 21A, 21C

**Material:** PVC

**Length:** 5" (127mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Heavy Duty Clip for Grounding Applications

### Model # BU-11APN/BU-11APS/BU-11CPN/BU-11CPS

Copper version has a lug connection

Jaw opens 1.625" (41.3 mm) max

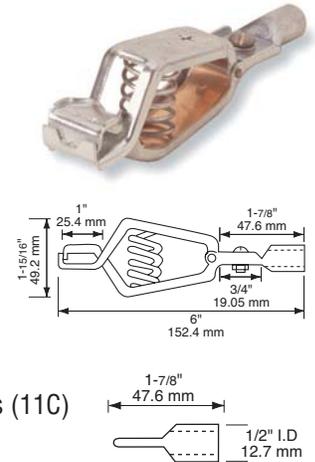
Clip unmarked (BU-11APN/CPN) and marked positive (BU-11APS/CPS)

**Material:** zinc-plated steel (11A) or solid copper (11C); *Spring:* steel

**Length:** 6" (152.4 mm)

**Federal Spec:** CID AA59466-011 (BU-11CPN)

**Rating:** 100 Amps (11A) or 200 Amps (11C)



## Insulator for Heavy Duty Clip

### Model # BU-13-\*

Protective flexible vinyl insulator for 11A, 11C

**Material:** PVC

**Length:** 6.8" (173mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Welding Clip

### Model # BU-33C

Lug connection

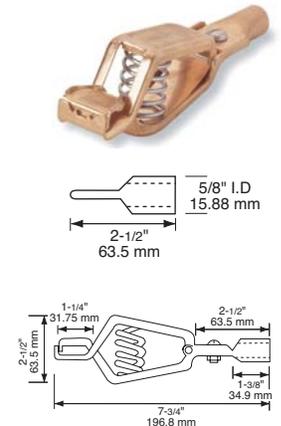
Jaw opens 1.81" (46 mm) max

**Material:** solid copper

**Length:** 7.75" (196.8mm)

**Federal Spec:** CID AA59466-012

**Rating:** 300 Amps



## Insulator for Welding Clip

### Model # BU-35-\*

Protective flexible vinyl insulator for 33C

**Material:** PVC

**Length:** 8.75" (222mm)

**\*Std. Colors:** -0 Black, -2 Red,



## Grounding Clamp

**Model # BU-58**

Attaches to pipe up to 1 3/8" outer diameter

**Material:** zinc-plated steel

**Length:** 2.31" (58.75mm)

**Rating:** 50 Amps



## Micro Plier-Type Clip

**Model # BU-40A-\*/BU-40C-\***

Solder or crimp connection

Jaw opens 0.75" (19 mm) max

**Material:** nickel-plated steel (BU-40A) or solid copper (BU-40C), PVC insulator (BU-42PR-\*)

**Length:** 2.3" (58mm)

**\*Std. Colors:** Insulator (BU-42PR-\*) -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

**Rating:** 15 Amps (BU-40A), 20 Amps (BU-40C)



## Insulator for Micro Plier-Type Clip

**Model # BU-42PR-\***

Protective flexible vinyl insulator for BU-40

**Material:** PVC

**Length:** 1" (25.4mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Miniature Plier-Type Clip

**Model # BU-46A-\*/BU-46C-\***

Solder or crimp connection

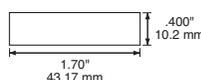
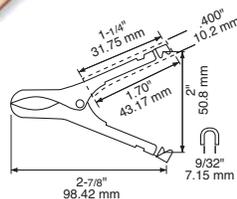
Jaw opens 1.125" (28.6 mm) max

**Material:** copper-plated steel (BU-46A) or solid copper (BU-46C), PVC insulator (BU-46PR-\*)

**Length:** 2.88" (98.42mm)

**\*Std. Colors:** Insulator (BU-46PR-\*) in -0 Black, -2 Red

**Rating:** 50 Amps (46A) or 75 Amps (46C)



## Insulator for Miniature Plier-Type Clip

**Model # BU-46PR-\***

Protective flexible vinyl insulator for BU-46

**Material:** PVC

**Length:** 1.7" (43.18mm)

**\*Std. Colors:** -0 Black, -2 Red,



## Plier-Type Clip

**Model # BU-41A-\*/BU-41APN/BU-41C-\*/BU-41CPN**

Jaw opens 1.625" (41.3 mm) max

Locks on to both side and top mounted battery terminals

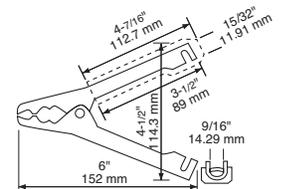
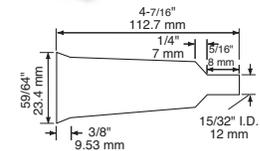
**Material:** copper-plated steel (BU-41A) or solid copper (BU-41C), PVC insulator (BU-43PR-\*)

**Length:** 6" (152mm)

**\*Std. Colors:** Insulator (BU-43PR-\*) in -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

**Federal Spec:** CID AA59466-014 BU-41-CPS-VZZZ-2 (red) and CID AA59466-015, BU-41CPN-VZZZ-0 (black)

**Rating:** 200 Amps (41A) or 400 Amps (41C)



## Insulator for Plier-Type Clip

**Model # BU-43PR-\***

Protective flexible vinyl insulator for BU-41

**Material:** PVC

**Length:** 4.4" (112.73mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Insulated Battery Clip

**Model # BU-102B-\*/BU-102BK-\***

Fully insulated clip with serrated jaws; BU-102BK-\* has Kelvinized isolated jaws and no copper shunt

**Material:** *Housing:* glass filled nylon; *Jaw:* copper; *Spring:* music wire, zinc plated

**Length:** 6.5" (165mm)

**\*Std. Colors:** -0 Black, -2 Red

**Rating:** 300 Amps



### Insulated Welding Clip

**Model # BU-102W-\***

Fully insulated clip with serrated contact pad and braided copper shunt

**Material:** *Housing:* glass filled nylon;  
*Jaw:* copper; *Spring:* music wire, zinc plated

**Length:** 6.5" (165mm)

**\*Std. Colors:** -0 Black, -2 Red

**Rating:** 400 Amps



### Epoxy Coated Battery Clip

**Model # BU-X15400-\***

Jaw opens 1.50" (38.1 mm) max

Locks on to both side and top mounted battery terminals

**Material:** steel, epoxy coated clips with copper plated jaws

**Length:** 6.75" (171.45mm)

**\*Std. Colors:** -0 Black, -2 Red

**Rating:** 200 Amps



### Kelvin Clip

**Model # BU-75K**

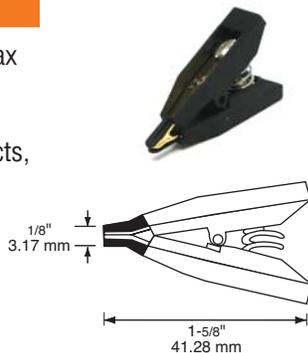
Jaw opens 0.313" (7.9 mm) max

Isolated jaws

**Material:** Silver/Gold tip contacts, nylon housing

**Length:** 1.625" (41.28mm)

**Rating:** 10 Amps



### Kelvin Clip

**Model # BU-78K**

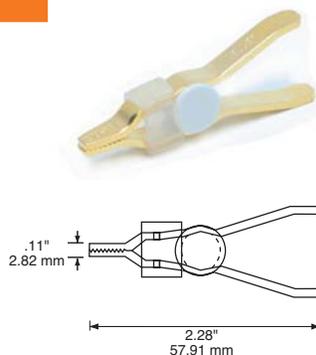
Jaw opens 0.5" (12 mm) max

Isolated jaws

**Material:** Gold contacts

**Length:** 2.28" (57.91mm)

**Rating:** 10 Amps



### Small Angled Nose Telecom Clip with Bed of Nails

**Model # JP-25182-\*\*\***

Mueller – J.S. Popper brand

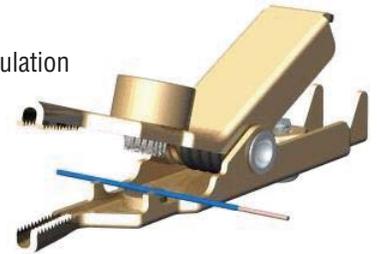
Jaw opens 1.0" (25.4mm)

Uses bed of nails to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.34" (59.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



### Large Angled Nose Telecom Clip with Single Spike

**Model # JP-8099-\*\*\***

Mueller – J.S. Popper brand

Jaw opens 1.0" (25.4mm)

Uses single spike to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.61" (66.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



### Large Angled Nose Telecom Clip with Hex Screw Attached Single Spike

**Model # JP-8078-\*\*\***

Mueller – J.S. Popper brand

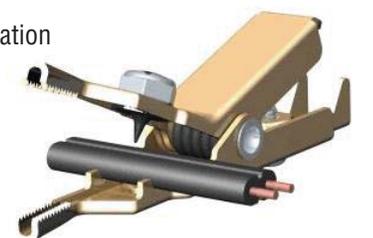
Jaw opens 1.0" (25.4mm)

Uses single spike to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.61" (66.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



## Large Angled Nose Telecom Clip with Bed of Nails and Single Spike

Model # JP-8783-\*\*\*

Mueller – J.S. Popper brand

Jaw opens 1.0" (25.4mm)

Uses single spike and bed of nails to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.61" (66.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



## Large Straight Nose Telecom Clip with Single Spike

Model # JP-33699-\*\*\*

Mueller – J.S. Popper brand

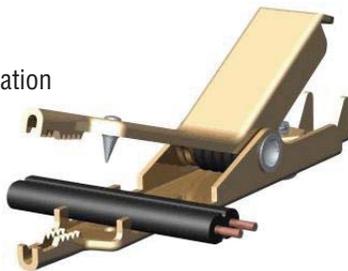
Jaw opens 1.0" (25.4mm)

Uses single spike to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.61" (66.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



## Large Straight Nose Telecom Clip with Bed of Nails and Single Spike

Model # JP-33674-\*\*\*

Mueller – J.S. Popper brand

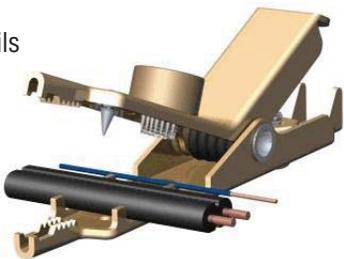
Jaw opens 1.0" (25.4mm)

Uses single spike and bed of nails to pierce insulation

**Material:** nickel-silver jaws; includes brass screw, brass nut, brass washer, and bronze star washer

**Length:** 2.61" (66.4mm)

**Connection Options:** -N Without Hardware, -L With Loose Hardware, -J Banana Jack, -TJ Threaded Banana Jack



## Contact Clip with Bed of Nails

Model #JP-5869-B

Mueller – J.S. Popper brand

Jaw opens 0.52" (13.2mm)

Uses bed of nails to pierce insulation

**Material:** steel

**Length:** 2.4" (61.0mm)



## Contact Clip with Circle of Nails

Model # JP-5869-C

Mueller – J.S. Popper brand

Jaw opens 0.52" (13.2mm)

Uses circle of points to pierce insulation

**Material:** steel

**Length:** 2.4" (61.0mm)



## Insulator for Telecom Clips

Model # JP-8681-\*

Mueller – J.S. Popper brand

Protective flexible vinyl insulator for 25182, 8099, 8078, 8783, 33699, 33674

**Material:** PVC

**Length:** 2.4" (61.0mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White



## Cut Insulator for Telecom Clips

Model # JP-8681-C\*

Mueller – J.S. Popper brand

Protective flexible vinyl insulator for telecom clips with banana jack or threaded banana jack connections

**Material:** PVC

**Length:** 1.8" (45.7mm)

**\*Std. Colors:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White

