

## SPADE TERMINAL SELECTION GUIDE



*BU-191420007*



*BU-191440020*



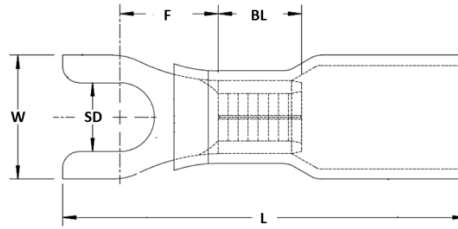
*BU-191640071*

- Mueller offers a wide range of spade terminals that are suitable for a variety of applications.
- 3 different wire ranges
  - 12-10AWG
  - 16-14AWG
  - 22-18AWG
- 3 stud sizes
  - #6
  - #8
  - #10
- 3 different insulation styles
  - Nyax heat shrink
  - Nylon
  - Vinyl
- Temperature Rating
  - 75°C Nylon and Vinyl insulated
  - 125°C Nyax insulated
- Rated Voltage: 600V
- Single crimp terminals
- Solid or stranded wire accepted
- Recommended strip length: 1/4"
- All spade terminals are UL and CSE listed except the Nyax heat shrink insulated spades.
  - UL Listed, investigated to UL 486 A-B, File NO. ZMVB.E68376
  - CSA 22.2 No. 65-03, Certification NO. 207131

## 12-10AWG SPADE TERMINALS

PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640071	12-10	#10	NYAX HEAT SHRINK	.250	1.16	.370	.206	.294
AI-50270N	12-10	#6	NYLON	.250	1.02	.350	.149	.294
AI-50280N	12-10	#8	NYLON	.250	1.020	.350	.175	.294
AI-50290N	12-10	#10	NYLON	.250	1.020	.370	.203	.294
BU-191440037	12-10	#6	VINYL	.250	1.020	.350	.149	.294
BU-191440039	12-10	#8	VINYL	.250	1.020	.350	.175	.294
BU-191440042	12-10	#10	VINYL	.250	1.020	.370	.203	.294

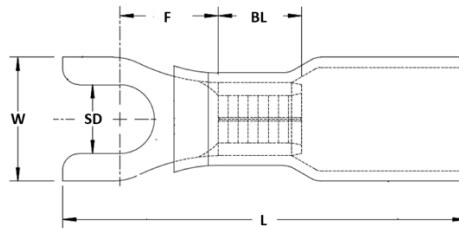
**MATERIAL:**  
 110 COPPER ALLOY 0.038 THICK  
 ELECTRO-TIN PLATED .00025"-.0004"



\*ALL DIMENSIONS ARE IN INCHES    \*\*CELL COLOR DEPICTS INSULATION COLOR

# 16-14AWG SPADE TERMINALS

PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640029	16-14	#8	NYAX HEAT SHRINK	.250	1.250	.344	.175	.303
BU-191640030	16-14	#10	NYAX HEAT SHRINK	.250	1.170	.344	.206	.303
AI-50140N	16-14	#6	NYLON	.250	.930	.250	.150	.303
AI-50150N	16-14	#8	NYLON	.250	.950	.344	.175	.303
AI-50160N	16-14	#10	NYLON	.250	.950	.344	.205	.303
BU-191440015	16-14	#6	VINYL	.250	.930	.250	.150	.303
BU-191440020	16-14	#8	VINYL	.250	.950	.344	.175	.303
BU-191440026	16-14	#10	VINYL	.250	.950	.344	.205	.303

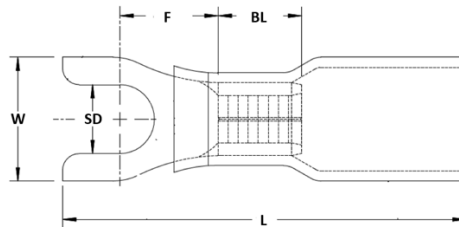


**MATERIAL:**  
**110 COPPER ALLOY 0.03 THICK**  
**ELECTRO-TIN PLATED .0001"-.0003"**

\*ALL DIMENSIONS ARE IN INCHES \*\*CELL COLOR DEPICTS INSULATION COLOR

## 22-18AWG SPADE TERMINALS

PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640007	22-18	#8	NYAX HEAT SHRINK	.250	1.240	.312	.175	.322
BU-191640008	22-18	#10	NYAX HEAT SHRINK	.250	1.180	.312	.203	.320
AI-50050N	22-18	#6	NYLON	.250	.950	.250	.149	.321
AI-50060N	22-18	#8	NYLON	.250	.950	.312	.175	.321
AI-50070N	22-18	#10	NYLON	.250	.950	.312	.203	.321
BU-191420003	22-18	#6	VINYL	.250	.950	.250	.149	.321
BU-191420005	22-18	#8	VINYL	.250	.950	.312	.175	.321
BU-191420007	22-18	#10	VINYL	.250	.950	.312	.203	.321



**MATERIAL:**  
**110 COPPER ALLOY 0.028 THICK**  
**ELECTRO-TIN PLATED .0001"-.0003"**

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