



# Catamount®

## Terminals and Splices

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### Catamount® Terminals and Splices

Catamount® Terminals and Splices are designed specifically for inexpensive insulated and non-insulated electrical terminations. This terminal product group is perfect for most commercial applications. Catamount® Terminals and Splices also meet or exceed requirements for a reliable connection in a variety of industrial applications. Whether heavy duty power wiring or smaller control circuits, Catamount® Terminals and Splices provide excellent crimp assemblies ranging from 22 to 6 AWG with consistent long-lasting reliability, ease of application, and lower total installed cost. Included are Disconnects, Bullet Connectors, Blade and Pin Terminals, Wire Joints, Quick Splices, and a choice of matching quality crimping tools.

#### Features of Catamount® Terminals and Splices

- Brazed seam, electro-tin plated, funnel entry most items.
- Product line covers all standard components — rings, forks, locking forks, butt splices and disconnects.
- Unique offerings are also available — blade terminals, pin terminals, bullets and quick splices.
- Available in distributor and bulk size packaging.
- UL Listed Rings, Forks, Locking Forks, Splices, Wire Joints, and Pin Terminals.
- Terminals recommended for use with Hand Tool CM2000A, WT111M, TBM6S.
- Insulators are color-coded to indicate proper die nest usage.
- Wire sizes are marked on tongue of terminal.
- Recommended temperature 90°C max.
- Recommended voltage 600V terminals, 300V disconnects.
- UL listed as shown.

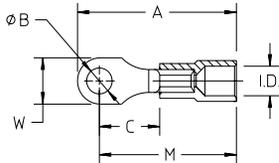


### Catalog Numbering System

Example: TV14-38R

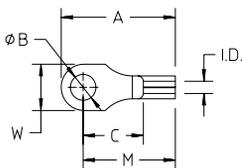
Product	Terminal and Insulation	Wire Size Range	Feature Size	Terminal Type
T	V	14	38	R
Thomas & Betts Crimp Terminals	(Blank) Bare Non-Insulated (V) Vinyl Funnel Entry (N) Nylon Funnel Entry (VF) Vinyl Fully Insulated (NF) Nylon Fully Insulated	Always the Largest Wire Size in Range (18) 22-18 AWG (14) 16-14 AWG (10) 12-10 AWG (8) 8 AWG (6) 6 AWG	<b>Bolt Hole:</b> Ring and Fork Terminals  <b>Tab Width:</b> (250 Series) Disconnects  <b>Pin Length:</b> Pin Terminals  <b>Blade Length:</b> Blade Terminals  <b>Diameter:</b> Bullets	(R) Ring (F) Fork (LF) Locking Fork (BS) Butt Splice (FD) Female Disconnect (MD) Male Disconnect (PD) Piggy Back Disconnect (BL) Blade (FB) Female Bullet (MB) Male Bullet (PT) Pin Terminal (QS) Quick Splice (WJ) Wire Joint

# Catamount® Ring Terminals



## Vinyl Insulated Ring Terminals

Cat. No.	Wire Range	Ins. Color	B Bolt Size	Dimensions					Standard Bagged Qty.
				A	W	C	M	I.D.	
TV18-6R	22-16	Red	#6	.803	.260	.248	.681	.157	50
TV18-8R	22-16	Red	#8	.803	.260	.248	.681	.157	50
TV18-10R	22-16	Red	#10	.858	.315	.276	.709	.157	50
TV18-14R	22-16	Red	1/4"	1.094	.457	.433	.866	.157	50
TV18-516R	22-16	Red	5/16"	1.094	.457	.433	.866	.157	50
TV14-6R	16-14	Blue	#6	.803	.260	.248	.681	.177	50
TV14-8R	16-14	Blue	#8	.803	.260	.248	.681	.177	50
TV14-10R	16-14	Blue	#10	.898	.335	.307	.740	.177	50
TV14-14R	16-14	Blue	1/4"	1.094	.472	.433	.866	.177	50
TV14-516R	16-14	Blue	5/16"	1.094	.472	.433	.866	.177	50
TV14-38R	16-14	Blue	3/8"	1.240	.535	.547	.980	.177	50
TV10-6R	12-10	Yellow	#6	.894	.283	.240	.752	.252	25
TV10-8R	12-10	Yellow	#8	.894	.283	.240	.752	.252	25
TV10-10R	12-10	Yellow	#10	1.047	.374	.358	.870	.252	25
TV10-14R	12-10	Yellow	1/4"	1.161	.472	.413	.925	.252	25
TV10-516R	12-10	Yellow	5/16"	1.339	.591	.531	1.043	.252	25
TV10-38R	12-10	Yellow	3/8"	1.339	.591	.531	1.043	.252	25
TV10-12R	12-10	Yellow	1/2"	1.520	.756	.630	1.142	.252	25
TV8-8R	8 AWG	Red	#8	1.281	.469	.485	1.115	.335	25
TV8-10R	8 AWG	Red	#10	1.281	.469	.485	1.115	.335	25
TV8-14R	8 AWG	Red	1/4"	1.281	.469	.485	1.115	.335	25
TV8-516R	8 AWG	Red	5/16"	1.375	.625	.548	1.173	.335	25
TV8-38R	8 AWG	Red	3/8"	1.375	.625	.548	1.173	.335	25
TV8-12R	8 AWG	Red	1/2"	1.719	.813	.735	1.360	.335	25
TV6-10R	6 AWG	Blue	#10	1.61	.472	.524	1.37	.433	10
TV6-14R	6 AWG	Blue	1/4"	1.61	.472	.524	1.37	.433	10
TV6-516R	6 AWG	Blue	5/16"	1.71	.630	.559	1.40	.433	10
TV6-38R	6 AWG	Blue	3/8"	1.71	.630	.559	1.40	.433	10
TV6-12R	6 AWG	Blue	1/2"	2.05	.866	.780	1.63	.433	10



## Non-Insulated Ring Terminals

Cat. No.	Wire Range	B Bolt Size	Dimensions					Standard Bagged Qty.
			A	W	C	M	I.D.	
T18-6R	22-16	#4-#6	.567	.260	.248	.437	.067	50
T18-8R	22-16	#8	.567	.260	.248	.437	.067	50
T18-10R	22-16	#10	.622	.315	.267	.436	.067	50
T14-6R	16-14	#6	.567	.260	.248	.437	.091	50
T14-8R	16-14	#8	.567	.260	.248	.437	.091	50
T14-10R	16-14	#10	.661	.335	.307	.496	.091	50
T10-6R	12-10	#6	.618	.146	.240	.429	.134	25
T10-8R	12-10	#8	.618	.169	.240	.429	.134	25
T10-10R	12-10	#10	.772	.209	.358	.547	.134	25
T10-14R	12-10	1/4"	.886	.252	.413	.602	.134	25

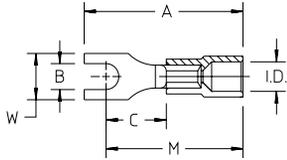


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# Catamount® Fork Terminals



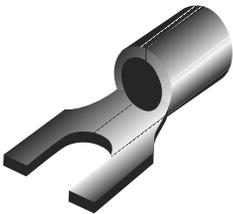
## Vinyl Insulated Fork Terminals



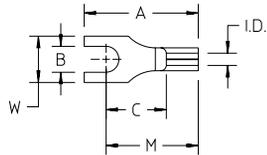
Cat. No.	Wire Range	Ins. Color	B Bolt Size	Dimensions					Standard Bagged Qty.
				A	W	C	M	I.D.	
<b>TV18-6F</b>	22-16	Red	#6	.886	.252	.256	.689	.157	50
<b>TV18-8F</b>	22-16	Red	#8	.886	.252	.256	.689	.157	50
<b>TV18-10F</b>	22-16	Red	#10	.886	.319	.256	.689	.157	50
<b>TV18-14F</b>	22-16	Red	1/4"	.886	.374	.256	.689	.157	50
<b>TV14-6F</b>	16-14	Blue	#6	.886	.236	.256	.689	.177	50
<b>TV14-8F</b>	16-14	Blue	#8	.886	.252	.256	.689	.177	50
<b>TV14-10F</b>	16-14	Blue	#10	.886	.311	.256	.689	.177	50
<b>TV14-14F</b>	16-14	Blue	1/4"	.886	.366	.256	.689	.177	50
<b>TV10-6F</b>	12-10	Yellow	#6	.961	.283	.295	.807	.252	25
<b>TV10-8F</b>	12-10	Yellow	#8	1.004	.327	.276	.788	.252	25
<b>TV10-10F</b>	12-10	Yellow	#10	1.004	.383	.276	.788	.252	25
<b>TV10-14F</b>	12-10	Yellow	1/4"	1.004	.383	.276	.788	.252	25
<b>TV10-516F</b>	12-10	Yellow	5/16"	1.201	.551	.413	.925	.252	25



## Non-Insulated Fork Terminals



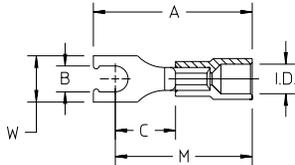
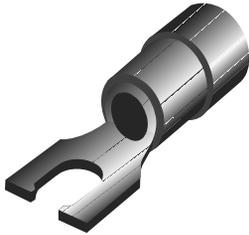
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Cat. No.	Wire Range	B Bolt Size	Dimensions					Standard Bagged Qty.
			A	W	C	M	I.D.	
<b>T18-6F</b>	22-16	#6	.630	.252	.256	.445	.067	50
<b>T18-8F</b>	22-16	#8	.630	.252	.256	.445	.067	50
<b>T18-10F</b>	22-16	#10	.630	.319	.256	.445	.067	50
<b>T14-6F</b>	16-14	#6	.630	.236	.256	.445	.091	50
<b>T14-8F</b>	16-14	#8	.630	.252	.256	.445	.091	50
<b>T14-10F</b>	16-14	#10	.630	.319	.256	.445	.091	50
<b>T10-6F</b>	12-10	#6	.685	.283	.295	.531	.134	25
<b>T10-8F</b>	12-10	#8	.728	.327	.276	.512	.134	25
<b>T10-10F</b>	12-10	#10	.728	.354	.276	.512	.134	25
<b>T10-14F</b>	12-10	1/4"	.728	.354	.276	.512	.134	25

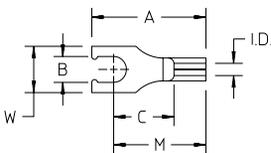
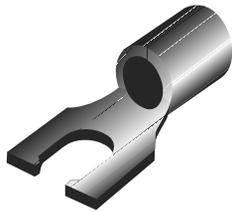
# Catamount®

## Locking Fork Terminals



### Vinyl Insulated Locking Fork Terminals

Cat. No.	Wire Range	Ins. Color	B Bolt Size	Dimensions					Standard Bagged Qty.
				A	W	C	M	I.D.	
<b>TV18-6LF</b>	22-16	Red	#6	.886	.252	.256	.689	.177	50
<b>TV18-8LF</b>	22-16	Red	#8	.886	.283	.256	.689	.177	50
<b>TV18-10LF</b>	22-16	Red	#10	.886	.319	.256	.689	.177	50
<b>TV14-6LF</b>	16-14	Blue	#6	.886	.236	.256	.689	.205	50
<b>TV14-8LF</b>	16-14	Blue	#8	.886	.283	.256	.689	.205	50
<b>TV14-10LF</b>	16-14	Blue	#10	.886	.319	.256	.689	.205	50
<b>TV10-6LF</b>	12-10	Yellow	#6	.992	.327	.276	.788	.276	25
<b>TV10-8LF</b>	12-10	Yellow	#8	.992	.327	.276	.788	.276	25
<b>TV10-10LF</b>	12-10	Yellow	#10	.992	.354	.276	.788	.276	25



### Non-Insulated Locking Fork Terminals

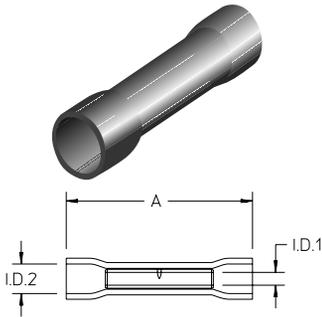
Cat. No.	Wire Range	B Bolt Size	Dimensions					Standard Bagged Qty.
			A	W	C	M	I.D.	
<b>T18-6LF</b>	22-16	#6	.630	.252	.256	.445	.067	50
<b>T18-8LF</b>	22-16	#8	.630	.283	.256	.445	.067	50
<b>T18-10LF</b>	22-16	#10	.630	.319	.256	.445	.067	50
<b>T14-6LF</b>	16-14	#6	.630	.236	.256	.445	.091	50
<b>T14-8LF</b>	16-14	#8	.630	.283	.256	.445	.091	50
<b>T14-10LF</b>	16-14	#10	.630	.319	.256	.445	.091	50
<b>T10-6LF</b>	12-10	#6	.685	.327	.295	.531	.134	25
<b>T10-8LF</b>	12-10	#8	.728	.327	.276	.512	.134	25
<b>T10-10LF</b>	12-10	#10	.728	.354	.276	.512	.134	25



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# Catamount®

## Butt Splices & Disconnects



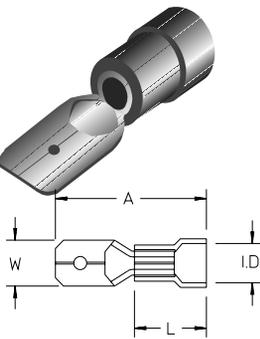
### Vinyl Insulated Butt Splices

Cat. No.	Wire Range	Ins. Color	Dimensions			Standard Bagged Qty.
			A	I.D.1	I.D.2	
TV18-BS	22-18	Red	.986	.067	.157	50
TV14-BS	16-14	Blue	.986	.091	.177	50
TV10-BS	12-10	Yellow	1.024	1.34	.248	25



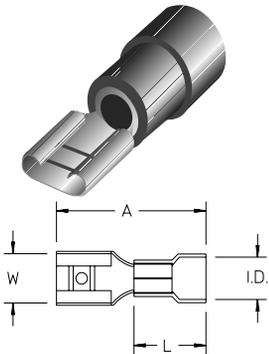
### Vinyl Insulated Male Disconnects – 250 Series

Cat. No.	Wire Range	Ins. Color	Dimensions				Thk. of Tab	Standard Bagged Qty.
			A	W	L	I.D.		
TV18-250MD	22-16	Red	.858	.250	.413	.150	.032	50
TV14-250MD	16-14	Blue	.858	.250	.413	.185	.032	50
TV10-250MD	12-10	Yellow	.945	.250	.512	.244	.032	25



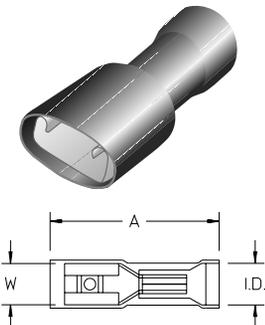
### Vinyl Insulated Female Disconnects – 250 Series

Cat. No.	Wire Range	Ins. Color	Dimensions				Thk. of Tab	Standard Bagged Qty.
			A	W	L	I.D.		
TV18-250FD	22-16	Red	.819	.260	.413	.150	.032	50
TV14-250FD	16-14	Blue	.819	.260	.413	.185	.032	50
TV10-250FD	12-10	Yellow	.917	.260	.512	.244	.032	25



### Fully Insulated Vinyl Female Disconnects – 250 Series

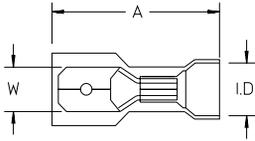
Cat. No.	Wire Range	Ins. Color	Dimensions			Thk. of Tab	Standard Bagged Qty.
			A	W	I.D.		
TVF18-250FD	22-16	Red	.858	.260	.150	.032	50
TVF14-250FD	16-14	Blue	.874	.260	.185	.032	50
TVF10-250FD	12-10	Yellow	.935	.260	.244	.032	25



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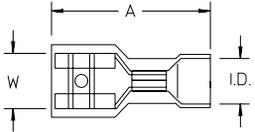
# Catamount®

## Disconnects



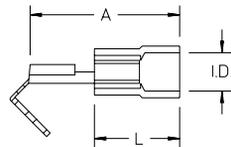
### Fully Insulated Nylon Male Disconnects – 250 Series

Cat. No.	Wire Range	Ins. Color	Dimensions			Thk. of Tab	Standard Bagged Qty.
			A	W	I.D.		
TNF18-250MD	22-16	Red	.976	.250	.157	.032	50
TNF14-250MD	16-14	Blue	.976	.250	.197	.032	50
TNF10-250MD	12-10	Yellow	1.016	.250	.256	.032	25



### Fully Insulated Nylon Female Disconnects – 250 Series

Cat. No.	Wire Range	Ins. Color	Dimensions			Thk. of Tab	Standard Bagged Qty.
			A	W	I.D.		
TNF18-250FD	22-16	Red	.846	.260	.157	.032	50
TNF14-250FD	16-14	Blue	.846	.260	.256	.032	50
TNF10-250FD	12-10	Yellow	.953	.260	.256	.032	25

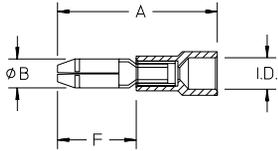


### Vinyl Insulated Piggyback Disconnects – 250 Series

Cat. No.	Wire Range	Ins. Color	Dimensions			Thk. of Tab	Standard Bagged Qty.
			A	L	I.D.		
TV18-250PD	22-16	Red	.886	.413	.150	.032	50
TV14-250PD	16-14	Blue	.886	.413	.185	.032	50
TV10-250PD	12-10	Yellow	.945	.512	.244	.032	25

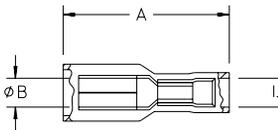
Ty-Rap®/Ty-Fast®

# Catamount® Bullet Connectors



## Vinyl Insulated Male Bullet Connectors – 4mm (.156")

Cat. No.	Wire Range	Ins. Color	ØB Bullet Dia.	Dimensions			Standard Bagged Qty.
				A	F	I.D.	
TV18-4MB	22-16	Red	.157	.925	.512	.150	50
TV14-4MB	16-14	Blue	.157	.925	.512	.185	50



## Fully Insulated Vinyl Female Bullet Connectors – 4mm (.156")

Cat. No.	Wire Range	Ins. Color	ØB Bullet Dia.	Dimensions		Standard Bagged Qty.
				A	I.D.	
TVF18-4FB	22-16	Red	.153	.917	.150	50
TVF14-4FB	16-14	Blue	.153	.917	.185	50



## Fully Insulated Nylon Male Bullet Connectors

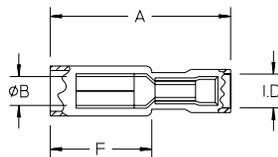
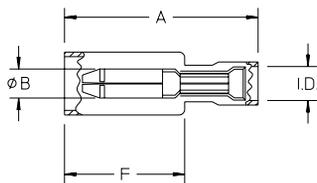
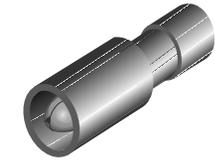
Cat. No.	Wire Range	Ins. Color	ØB Bullet Dia.	Dimensions			Standard Bagged Qty.
				A	F	I.D.	
TNF18-4MB	22-16	Red	.157	.063	.625	.157	50
TNF14-4MB	16-14	Blue	.157	.063	.625	.177	50

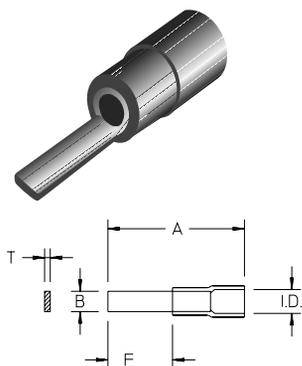


## Fully Insulated Nylon Female Bullet Connectors

Cat. No.	Wire Range	Ins. Color	ØB Bullet Dia.	Dimensions			Standard Bagged Qty.
				A	F	I.D.	
TNF18-4FB	22-16	Red	.153	.992	.560	.157	50
TNF14-4FB	16-14	Blue	.153	.992	.560	.197	50

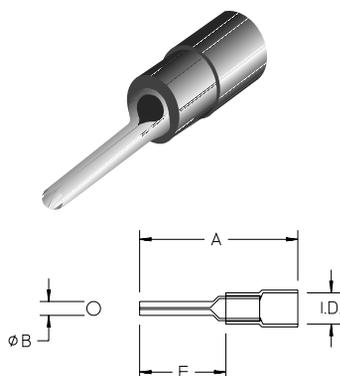
Ty-Rap®/Ty-Fast®





### Vinyl Insulated Straight Blade Terminals

Cat. No.	Wire Range	Ins. Color	Dimensions				Standard Bagged Qty.		
			B	F		A		T	I.D.
				(mm)	(in.)				
TV18-10BL	22-16	Red	.091	10	.394	.819	.030	.157	50
TV18-18BL	22-16	Red	.087	18	.709	1.134	.030	.157	50
TV14-10BL	16-14	Blue	.094	10	.394	.819	.031	.177	50
TV14-18BL	16-14	Blue	.087	18	.709	1.134	.031	.177	50
TV10-10BL	12-10	Yellow	.110	10	.394	.906	.039	.252	25

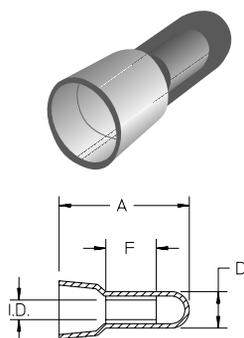


### Vinyl Insulated Straight Pin Terminals

Cat. No.	Wire Range	Ins. Color	Dimensions				Standard Bagged Qty.	
			F		B Dia.	A		I.D.
			(mm)	(in.)				
TV18-12PT	22-16	Red	12	.472	.075	.898	.157	50
TV14-12PT	16-14	Blue	12	.472	.075	.898	.177	50
TV10-14PT	12-10	Yellow	14	.551	.110	1.063	.252	25



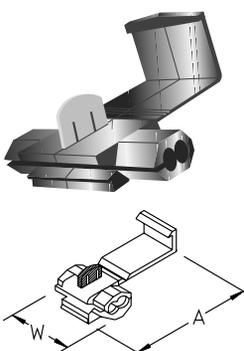
Ty-Rap®/Ty-Fast®



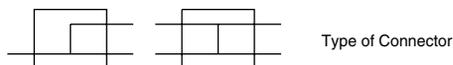
### Nylon Wire Joints

Cat. No.	Wire Range		Dimensions				Standard Bagged Qty.
	Min.	Max.	D	A	I.D.	F	
TN18-WJ	4 #22	3 #18	.197	.713	.106	.276	50
TN14-WJ	2 #16	2 #14	.220	.827	.130	.276	50
TN10-WJ	2 #12	1 #10	.280	1.004	.173	.295	25

### Multiple Quick Splices



Cat. No.	Wire Range	Ins. Color	Dimensions		Standard Bagged Qty.
			W	A	
TV18-00QS	22-18 AWG	Red	.787	1.063	25
TV14-00QS	16-14 AWG	Blue	.787	1.063	25
TV10-00QS	12-10 AWG	Yellow	.807	1.358	10



Type of Connector

# Catamount®

## Crimping Tools



- Ergonomic design for ease of installation and reduced carpal-tunnel injuries.
- Requires no additional dies – integrated die nests for range of insulated terminals from 22-10AWG.
- Color-coded die nests.
- Designed with Shure-Stake® mechanism to insure complete compression cycle by the tool.
- Adjustable crimp force settings.

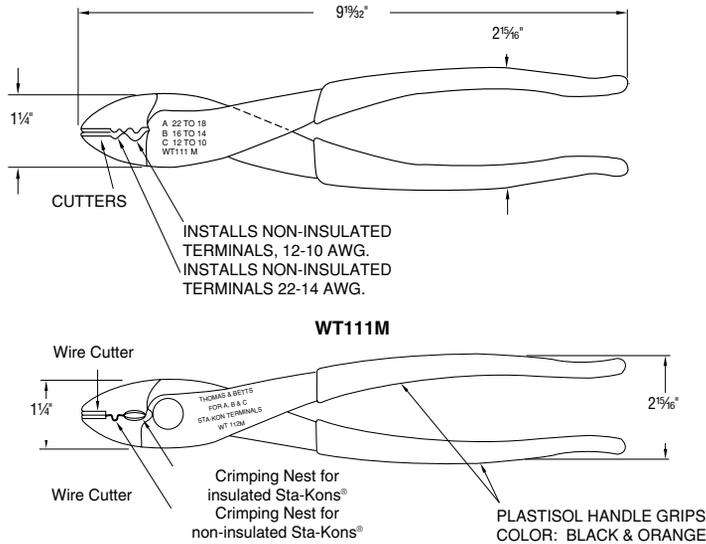
### 10" Ratchet Crimping Tool for Insulated Terminals

Cat. No.	Description	Std. Pkg.
CM2000A	10" Ratchet Crimping Tool for Insulated Terminals (22-10 AWG)	1

### Plier Type Tool



Cat. No.	Description	Std. Pkg.	Wt. Each
WT111M	Plier tool with cutter for 22-10 AWG non-insulated terminals.	1	1
WT112M	RA, RB, A, B, C, non-insulated and RC insulated nylon and vinyl terminal and splices	1	1



INSTALLS INSULATED AND NON-INSULATED Sta-Kon® TERMINALS, SPLICES, DISCONNECTS, AND WIRE JOINTS 22-10 AWG.

**WT112M**

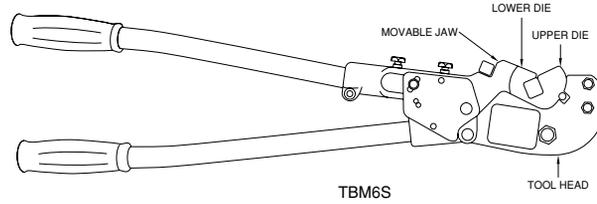
# Catamount®

## Crimping Tools

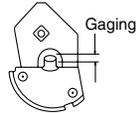


### Toggle Type Hand Tool with Shure-Stake®

Cat. No.	Description	Std. Pkg.	Wt. Each
<b>TBM6S</b>	Hand tool with Shure-Stake® for 8-6 AWG, vinyl insulated terminals, (dies not included).	1	9



#### Installing Dies for TM6S Tool



Cat. No. Die Set	Term. Size	Gaging ± .010
<b>11822</b>	TV8	.202
<b>11823</b>	TV6	.254

Ty-Rap®/Ty-Fast®