

TYPES YAV BOX AND YAV

HYLUG™

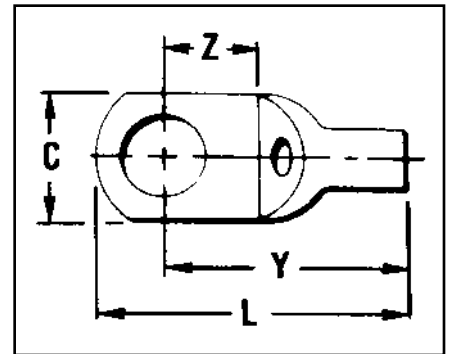
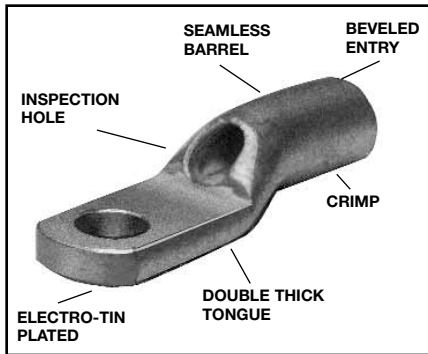
Seamless Uninsulated Compression Heavy Duty Ring Tongue Terminal

#22-10 Stranded and Solid Copper

HYLUG™ type YAV is a seamless, heavy duty uninsulated compression ring tongue terminal manufactured from pure electrolytic copper tubing and is for use on copper commercial (code) cable, type AN aircraft cable and extra flexible conductors. Because of its seamless design, the YAV HYLUG™ also accommodates solid conductors.

The seamless tubing produces a double thick tongue and a strong connector for demanding applications that require high reliability. Applications include industrials, hospitals, electric utilities, aircraft, shipboard and marine, computers, steel mills, mining equipment and other equipment that is subject to vibration or requiring dependable electrical performance.

The YAV-HYLUG™ terminals meet the requirements of SAE-AS7928.



(See table on following page for specifications)

Features and Benefits

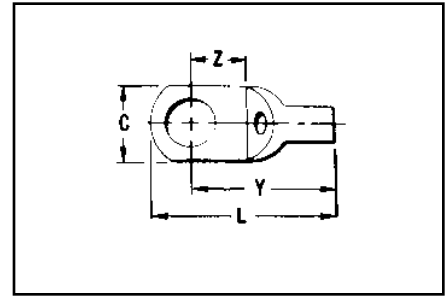
- Manufactured from seamless pure electrolytic copper tubing.
 - ◊ Provides maximum conductivity, low resistance and excellent ductility for crimping.
- Seamless tubular crimp barrel design.
 - ◊ No seams to split resulting in a very high quality electrical connection. Also can be used on solid conductor.
- Double thick tongue.
 - ◊ Provides a very strong terminal tongue.
- Produced from tubular copper.
 - ◊ Extra copper material assures the compression connector will operate cooler than the conductors it connects.
- Internally bevelled barrel.
 - ◊ Provides easy cable entry, especially for flexible conductors.
- Inspection hole.
 - ◊ Provides easy visual check for proper conductor insertion.
- Electro-tin plated.
 - ◊ Provides long lasting durable corrosion resistance.
- Nickel plating available, add "NK" suffix."
 - ◊ Nickel plated HYLUGs™ provide high temperature applications up to 650° F continuous service and 750° F intermittent service.

Blue highlighted items are industry standard and most frequently ordered.

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Seamless Uninsulated
Compression Heavy Duty
Ring Tongue Terminal



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
YAV18-T4 BOX	22-18 Str. and Sol.	3, 4	.19	.62	.54	.16	YAV18-T4	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20	9/32"
YAV18-L33 BOX		4-6	.25	.67	.55	.18	YAV18-L33		
YAV18-T5 BOX		4-6	.31	.76	.61	.24	YAV18-T5		
YAV18-T1 BOX		6-8	.31	.76	.61	.24	YAV18-T1		
YAV18 BOX		8-10	.31	.76	.61	.24	YAV18		
YAV14-L33 BOX	20-14 Str.	4-6	.25	.71	.59	.18	YAV14-L33	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20	9/32"
YAV14-T5 BOX		4-6	.31	.79	.64	.24	YAV14-T5		
YAV14-T1 BOX		6-8	.31	.79	.64	.24	YAV14-T1		
YAV14-L36 BOX	20-12 Sol.	8-10	.29	.74	.59	.18	YAV14-L36	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20	9/32"
YAV14 BOX		8-10	.31	.79	.64	.24	YAV14		
YAV14-T2 BOX		1/4	.42	.99	.75	.32	YAV14-T2		
YAV14-T3 BOX		5/16	.44	.99	.75	.32	YAV14-T3		
YAV12-G2 BOX ■	14-12 Str.	8-10	.30	.82	.67	.24	YAV12-G2	Y10D, Y8MRB-1 M8ND w/N14HT	9/32"
YAV12-G3 BOX ■		1/4	.36	1.00	.76	.34	YAV12-G3		
YAV10-T7 BOX	†14 Str. 12-10 Str. and Sol.	4-6	.30	.93	.78	.24	YAV10-T7 *	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, N10HT, N10HT-24	7/16"
YAV10-T11 BOX		6-8	.38	.97	.79	.26	YAV10-T11		
YAV10-L36 BOX		8-10	.29	.86	.71	.23	YAV10-L36		
YAV10 BOX		8-10	.38	.97	.79	.26	YAV10 *		
YAV10-T3 BOX		1/4	.47	1.10	.87	.32	YAV10-T3		
YAV10-T2 BOX		5/16	.53	1.13	.87	.31	YAV10-T2 *		
YAV10-T4 BOX		3/8	.56	1.18	.90	.35	YAV10-T4 *		
YAV9C-L36 BOX	10-9 Str.	8-10	.31	.97	.83	.15	YAV9C-L36	Ratchet: MR8-9Q, Y8MRB-1	7/16"
YAV9C-T9 BOX		1/4	.44	1.19	.95	.31	YAV9C-T9		
YAV9C-T4 BOX		5/16	.52	1.27	1.02	.36	—		

■ Use #14 groove
† UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB-1 tools only.
* Class 1 & 2 connectors.

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