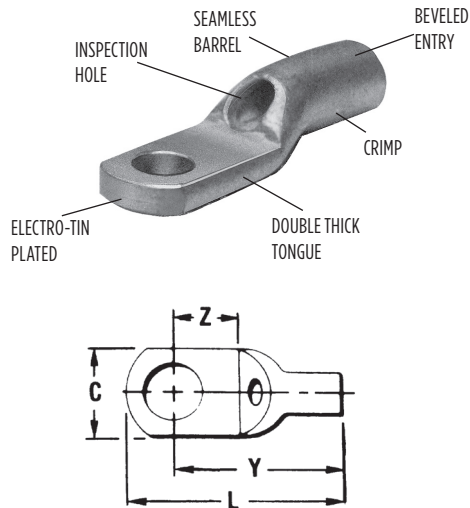


Seamless Uninsulated Compression Heavy Duty Ring Tongue

TYPES YAV / YAV-BOX HYLUG™



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.

Features & Benefits

- Manufactured from seamless pure electrolytic copper tubing to provide 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 structurally 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 for easy cable entry, especially for flexible conductors
- Inspection hole provides easy visual check for proper conductor insertion
- Electro-tin plated for a long lasting durable corrosion resistance

NOTE:

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length
				C	L Max.	Y Max.	Z Min.				
YAV18T4BOX	22-18 Str. and Sol.	3,4	—	0.19	0.59	0.54	0.16	YAV18T4	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	B1, B3, B4, B5, B10, B11, B14	9/32"
YAV18L33BOX		4-6	—	0.25	0.63	0.55	0.18	YAV18L33			
YAV18T5BOX			—	0.31	0.76	0.61	0.24	YAV18T5			
YAV18T1BOX		6-8	—	0.31	0.76	0.61	0.24	YAV18T1			
YAV18BOX		8-10	—	0.31	0.76	0.61	0.24	YAV18			
YAV14L33BOX	20-14 Str.	4-6	—	0.25	0.67	0.59	0.18	YAV14L33	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	B1, B5, B8, B9, B10, B11, B15	9/32"
YAV14T5BOX			—	0.31	0.79	0.64	0.24	YAV14T5			
YAV14T1BOX		6-8	—	0.31	0.79	0.64	0.24	YAV14T1			
YAV14L36BOX	20-12 Sol.	8-10	—	0.29	0.70	0.59	0.18	YAV14L36			
YAV14BOX			—	0.29	0.79	0.64	0.24	YAV14			
YAV14T2BOX		1/4	—	0.40	0.99	0.75	0.32	YAV14T2			
YAV14T3BOX		5/16	—	0.44	0.99	0.75	0.32	YAV14T3			
YAV12G2BOX■	+ 14-12 Str.	8-10	—	0.30	0.78	0.67	0.24	YAV12G2	Y10D, Y8MRB1, M8ND w/N14HT	B1, B13, B15	9/32"
YAV12G3BOX■		1/4	—	0.34	1.00	0.76	0.33	YAV12G3			
YAV10T7BOX	14 Str. 12-10 Str. and Sol.	4-6	165	0.28	0.93	0.78	0.24	YAV10T7*	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q◆, Y8MRB1, MR20, N10HT, N10HT24, MRE1022B	B1, B5, B16, B18, B20, B21	7/16"
YAV10T11BOX			—	0.38	0.93	0.79	0.26	YAV10T11			
YAV10L36BOX		8-10	—	0.29	0.86	0.71	0.23	YAV10L36			
YAV10BOX			105	0.36	0.97	0.79	0.25	YAV10*			
YAV10T3BOX		1/4	—	0.45	1.10	0.87	0.32	YAV10T3			
YAV10T2BOX		5/16	106	0.53	1.13	0.87	0.31	YAV10T2*			
YAV10T4BOX		3/8	128	0.53	1.20	0.88	0.36	YAV10T4*			
YAV9CL36BOX	10-9 Str.	8-10	—	0.31	0.94	0.83	0.15	YAV9CL36	Ratchet: MR89Q, Y8MRB1	B19, B20	7/16"
YAV9CT9BOX		1/4	—	0.44	1.15	0.95	0.31	YAV9CT9			
YAV9CT4BOX		5/16	—	0.52	1.23	1.02	0.36	YAV9CT4			

■ Use #14 groove

* UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB1 tools only.

* Class 1 & 2 connectors

◆ QPL Class II when installed with MR89Q tool