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Blue highlighted items are industry standard and most frequently ordered.

Performance

The terminals and splices in this catalog are approved, per SAE-AS7928 and/or UL486, where indicated. Table 1 shows the performance requirements for terminals used in military and commercial equipment. The voltage drops listed are maximum allowable values taken at currents well above rated current for the wires. Tensile values assure that the wires will not become separated from the terminals under reasonably expected stresses. UL tensile values are chosen to reflect the severest expected duty. MIL Specification tensile values apply only to crimp terminations and reflect minimum values that are obtained in good crimp joints. Actual performance of BURNDY® terminals exceeds the requirements of Table 1. Typical values are shown in Figs. 1-5. For High Temperature application BURNDY® YAV series with nickel plating “-NK” suffix provide for continuous operation to 650° F and 750° F intermittent service.

Table 1

Performance Requirements — Terminals for Copper Wire					
Wire Size	Per SAE-AS7928			Per UL486	
	Test Current (Amps)	Maximum Voltage Drop (Mv.)	Minimum Tensile Strength (Lbs.)	Minimum Tensile Strength (Lbs.)	Test Current For Max. 50°C Rise (Amps)
26	3	8	7	—	—
24	4.5	8	10	—	—
22	9	7	15	8	—
20	11	6	19	13	—
18	16	5	38	20	—
16	22	7	50	30	—
14	32	6	70	50	15
12	41	5	110	70	20
10	55	5	150	80	30
8	73	5	225	90	50
6	101	5	300	100	65
4	135	5	400	140	85
2	181	5	550	180	115
1	211	5	650	200	130
0	245	5	700	250	150
00	283	5	750	300	175
000	320	5	825	350	200
0000	380	5	875	450	230

Fig 1. Tensile strength of YAD HYLUG™ after axial rotation stresses.

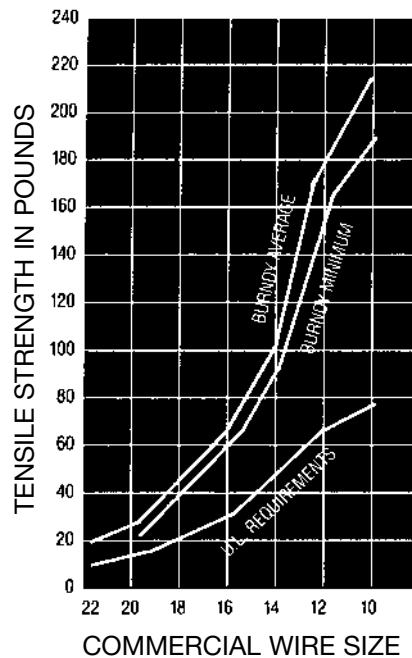
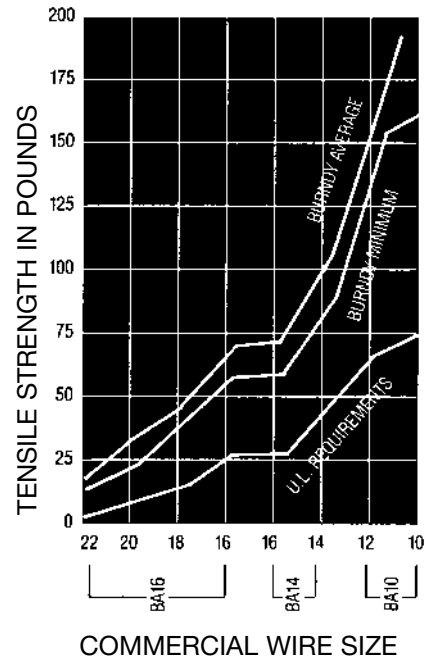


Fig 2. Tensile strength of BA VINYLUG™ after axial rotation stresses.



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GENERAL INFORMATION

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Fig 3. Tensile strength of YAES INSULUG™ after vibration.

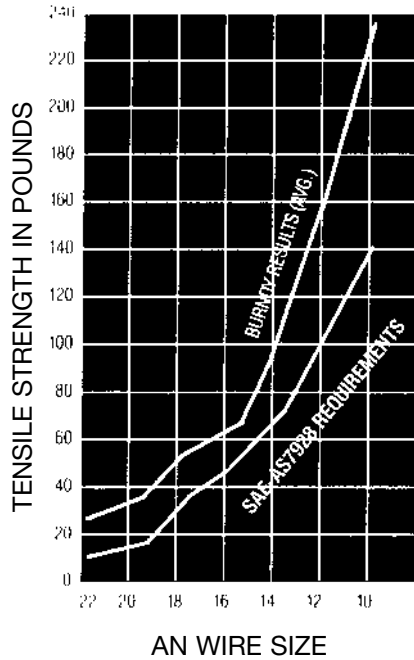


Fig 5. Voltage drops of YAES at currents per Table 1 after vibration.

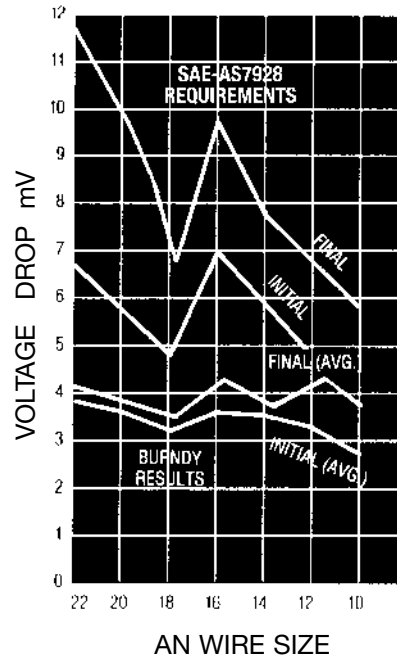
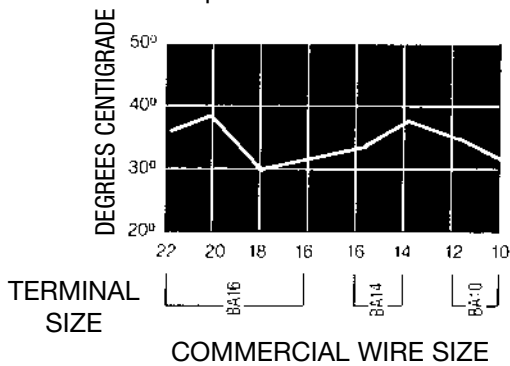


Fig 4. Temperature rise of BA VINYLUG™ at currents per Table 1.



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EQUIVALENT TABLES

MILITARY SPECIFICATIONS

Terminals

BURNDY® Equivalents to SAE-AS25036 in accordance with Specification SAE-AS7928

Terminals

BURNDY® Equivalents to SAE-AS20659 in accordance with Specification SAE-AS7928

AS25036 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*	AS25036 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*	AS20659 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*	AS20659 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*
101	YAES18-N1	X	X	1NJK8	124	YAEV4C-L4	X		1NJK8	105	YAV10	X	X	1NJK8	134	YAV1C-L3	X		1NJK8
	YAE18-G43		X		125	YAEV4C-L2	X	X	1NJK8	106	YAV10-T2	X	X	1NJK8	135	YAV25-L3	X		1NJK8
102	YAES18-N2	X	X	1NJK8	126	YAEV2C-L1	X	X	1NJK8	107	YAV8C-L	X		1NJK8	136	YAV26-L3	X	X	1NJK8
	YAE18-N21		X		127	YAEV2C-L	X		1NJK8	108	YAV8C-L2	X		1NJK8	137	YAV28-L54	X		1NJK8
103	YAES18-N3	X	X	1NJK8	128	YAEV2C-L4	X	X	1NJK8	109	YAV6C-L	X	X	1NJK8	140	YAV8C-L14	X		1NJK8
	YAE18N		X		129	YAEV1C-L1	X		1NJK8	110	YAV6C-L2	X		1NJK8	141	YAV8C-L1	X	X	1NJK8
104	YAES18-N4	X	X	1NJK8	130	YAEV1C-L	X	X	1NJK8	111	YAV4C-L	X	X	1NJK8	142	YAV8C-L4	X		1NJK8
	YAE18-N3		X		131	YAEV1C-L3	X		1NJK8	112	YAV4C-L2	X		1NJK8	143	YAV6C-L10	X		1NJK8
105	YAES18-N5	X	X	1NJK8	132	YAEV25-L1	X		1NJK8	113	YAV2C-L1	X		1NJK8	144	YAV4C-L3	X		1NJK8
	YAE18-N15		X		133	YAEV25-L	X	X	1NJK8	114	YAV2C-L	X		1NJK8	145	YAV4C-L5	X		1NJK8
106	YAES14-N6	X	X	1NJK8	134	YAEV25-L3	X		1NJK8	115	YAV1C-L1	X	X	1NJK8	146	YAV2C-L3	X		1NJK8
	YAE14-N43		X		135	YAEV26-L2	X		1NJK8	116	YAV1C-L	X		1NJK8	147	YAV2C-L2	X	X	1NJK8
107	YAES14-N7	X	X	1NJK8	136	YAEV26-L	X		1NJK8	117	YAV25-L1	X		1NJK8	148	YAV2C-L11	X		1NJK8
108	YAES14-N8	X	X	1NJK8	137	YAEV26-L3	X		1NJK8	118	YAV25-L	X	X	1NJK8	149	YAV1C-L2	X		1NJK8
	YAE14N		X		143	YAE22-G18		X	1NJK8	119	YAV26-L2	X		1NJK8	150	YAV1C-L4	X		1NJK8
109	YAES14-N9	X	X	1NJK8	144	YAE22-G16		X	1NJK8	120	YAV26-L	X		1NJK8	151	YAV25-L2	X		1NJK8
	YAE14-N3		X		145	YAE22-G13		X	1NJK8	121	YAV27-L	X	X	1NJK8	152	YAV25-L16	X		1NJK8
110	YAES14-N10	X		1NJK8	146	YAE22-G14		X	1NJK8	122	YAV27-L1	X		1NJK8	153	YAV26-L1	X		1NJK8
	YAE14-N4		X		147	YAE22-G15		X	1NJK8	123	YAV28-L	X		1NJK8	154	YAV26-L16	X		1NJK8
111	YAES10-N11	X	X	1NJK8	148	YAES18-N48	X	X	1NJK8	124	YAV28-L12	X	X	1NJK8	155	YAV27-L20	X		1NJK8
	YAE10-N5		X		149	YAES18-N49	X	X		1NJK8	129	YAV10-T4	X	X	1NJK8	156	YAV27-L18	X	
112	YAES10-N12	X	X	1NJK8	149	YAE18N1	X		1NJK8		130	YAV6C-L1	X		1NJK8	157	YAV28-L56	X	
	YAE10N		X		150	YAES18-N50	X	X		1NJK8	131	YAV6C-L4	X		1NJK8	158	YAV28-L60	X	
113	YAES10-N13	X	X	1NJK8	150	YAE18-N2	X		1NJK8		132	YAV4C-L4	X		1NJK8	159	YAV28-L13	X	
	YAE10-N2		X		152	YAES14-N52	X	X		1NJK8	133	YAV2C-L4	X		1NJK8	160	YAV28-L14	X	
114	YAES10-N14	X		1NJK8	153	YAE14-N1	X	X	1NJK8					165	YAV10-T7	X	X	1NJK8	
	YAE10-N4		X		154	YAES14-N54	X	X		1NJK8									
115	YAEV8C-L	X	X	1NJK8		YAE14-N2	X		1NJK8										
116	YAEV8C-L1	X		1NJK8		YAES14-N54	X	X	1NJK8										
117	YAEV8C-L2	X		1NJK8		YAE14-N2	X		1NJK8										
118	YAEV8C-L3	X		1NJK8		YAES14-N54	X	X	1NJK8										
119	YAEV6C-L1M	X	X	1NJK8		YAES10-N56	X	X	1NJK8										
120	YAEV6C-LM	X		1NJK8		YAE10-N11	X		1NJK8										
121	YAEV6C-L4M	X		1NJK8		YAES10-N57	X	X	1NJK8										
122	YAEV6C-L2M	X		1NJK8		YAE10-N3	X		1NJK8										
123	YAEV4C-L	X		1NJK8		YAES10-N58	X	X	1NJK8										

* Main Office Cage Code Number

Notes:

For factory cage code numbers, please contact your local BURNDY® Sales Representative or the Headquarters phone number below.
SAE stands for the Society of Automotive Engineering, which has replaced the Military Specifications.

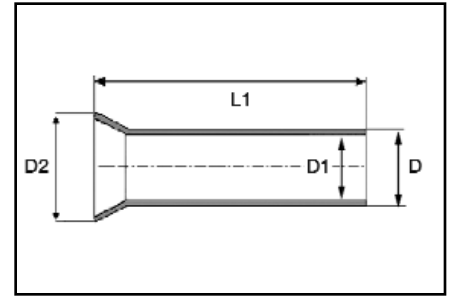
Blue highlighted items are industry standard and most frequently ordered.

TYPE YF

BARE FERRULES

For Use On Copper Conductor

Wire ferrules are also known as cord end terminals or bootlace ferrules. These are electrical connectors used to terminate stranded wires. These terminals are made of electrolytically tin plated copper, uninsulated ferrules are designed to form neat end terminations to multi-strand cables or wires. Smooth funnel entry assists in wire insertion. Specifically designed to aid in termination of extra flexible



fine stranded conductor, provides enhanced flexibility relating to wire termination and management. A positive contact surface helps ensure system integrity.

Features and Benefits

- Made of electrolytic copper, tin plated
- Seamless barrels
- Smooth funnel entry to make wire insertion easier
- RoHS compliant

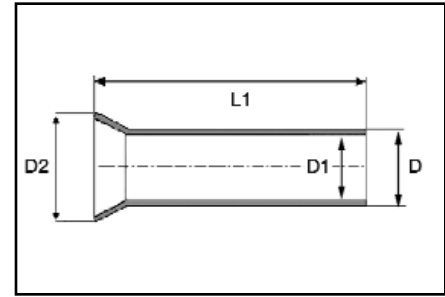
Catalog Number	Wire Size		Dimensions in Inches				Bag Qty.	Recommended Tooling
	AWG	mm ²	L1	D	D1	D2		
YF2807UI	28	.14	.276	.035	.027	.063	1000	YF3206TOOL
YF2605UI	26	.25	.196	.043	.031	.059	1000	
YF2607UI	26	.25	.276	.043	.031	.059	1000	YF3206TOOL
YF2405UI	24	.34	.196	.047	.031	.059	1000	YF2610TOOL
YF2407UI	24	.34	.276	.047	.031	.059	1000	
YF2206UI	22	.50	.236	.051	.039	.059	1000	
YF2208UI	22	.50	.315	.051	.039	.067	1000	
YF2210UI	22	.50	.394	.051	.039	.067	1000	
YF2212UI	22	.50	.472	.051	.039	.067	1000	
YF2006UI	20	.75	.236	.059	.047	.067	1000	
YF2010UI	20	.75	.394	.059	.047	.075	1000	
YF2012UI	20	.75	.472	.059	.047	.075	1000	
YF1806UI	18	1.00	.236	.067	.055	.075	1000	
YF1808UI	18	1.00	.315	.067	.055	.087	1000	
YF1810UI	18	1.00	.394	.067	.055	.087	1000	YF3206TOOL
YF1812UI	18	1.00	.472	.067	.055	.087	1000	YF2610TOOL
YF1607UI	16	1.50	.276	.079	.067	.087	1000	YF2214TOOL
YF1608UI	16	1.50	.315	.079	.067	.098	1000	YF2210TOOL
YF1610UI	16	1.50	.394	.079	.067	.098	1000	
YF1612UI	16	1.50	.472	.079	.067	.098	1000	
YF1618UI	16	1.50	.709	.079	.067	.098	1000	
YF1407UI	14	2.50	.276	.102	.091	.130	1000	
YF1408UI	14	2.50	.315	.102	.091	.130	1000	
YF1410UI	14	2.50	.394	.102	.091	.130	1000	
YF1412UI	14	2.50	.472	.102	.091	.130	1000	
YF1418UI	14	2.50	.709	.102	.091	.130	1000	
YF1209UI	12	4.00	.354	.126	.110	.154	1000	
YF1212UI	12	4.00	.472	.126	.110	.154	1000	YF3206TOOL
YF1215UI	12	4.00	.591	.126	.110	.154	1000	YF2610TOOL
YF1218UI	12	4.00	.709	.126	.110	.154	1000	YF2210TOOL
YF1010UI	10	6.00	.394	.154	.138	.185	250	YF3206TOOL
YF1012UI	10	6.00	.472	.154	.138	.185	250	YF2610TOOL
YF1015UI	10	6.00	.591	.154	.138	.185	250	YF2210TOOL
YF1018UI	10	6.00	.709	.154	.138	.185	250	YF1006TOOL
YF0812UI	8	10.00	.472	.193	.177	.228	250	
YF0815UI	8	10.00	.591	.193	.177	.228	250	
YF0818UI	8	10.00	.709	.193	.177	.228	250	YF3206TOOL
YF0612UI	6	16.00	.472	.244	.228	.283	250	YF1006TOOL
YF0615UI	6	16.00	.591	.244	.228	.283	250	YF0801TOOL
YF0618UI	6	16.00	.709	.244	.228	.283	250	
YF0625UI	6	16.00	.984	.244	.228	.283	250	

Blue highlighted items are industry standard and most frequently ordered.

TYPE YF (Continued)

BARE FERRULES

For Use On Copper Conductor



Catalog Number	Wire Size		Dimensions in Inches				Bag Qty.	Recommended Tooling
	AWG	mm ²	L1	D	D1	D2		
YF0412UI	4	25.00	.472	.311	.295	.358	100	YF0801TOOL YF0401TOOL
YF0415UI	4	25.00	.591	.311	.295	.358	100	
YF0418UI	4	25.00	.709	.311	.295	.358	100	
YF0420UI	4	25.00	.787	.311	.295	.358	100	
YF0425UI	4	25.00	.984	.311	.295	.358	100	
YF0432UI	4	25.00	1.260	.311	.295	.358	100	
YF0215UI	2	35.00	.591	.343	.327	.402	100	
YF0220UI	2	35.00	.787	.343	.327	.402	100	
YF0225UI	2	35.00	.984	.343	.327	.402	100	
YF0232UI	2	35.00	1.260	.343	.327	.402	100	
YF0122UI	1	50.00	.866	.429	.406	.500	50	
YF0125UI	1	50.00	.984	.429	.406	.500	50	
YF0132UI	1	50.00	1.260	.429	.406	.500	50	
YF2/022UI	2/0	70.00	.866	.563	.531	.622	50	
YF2/025UI	2/0	70.00	.984	.563	.531	.622	50	
YF2/032UI	2/0	70.00	1.260	.563	.531	.622	50	
YF3/025UI	3/0	95.00	.984	.614	.583	.681	50	YF1/03/0T00L
YF3/030UI	3/0	95.00	1.180	.614	.583	.681	50	
YF3/032UI	3/0	95.00	1.260	.614	.583	.681	50	
YF4/032UI	4/0	120.00	1.260	.697	.657	.795	25	
YF4/034UI	4/0	120.00	1.390	.697	.657	.795	25	YF4/0250T00L
YF4/040UI	4/0	120.00	1.570	.697	.657	.795	25	
YF25032UI	250	150.00	1.260	.811	.722	.906	25	Y644HSXT
YF25040UI	250	150.00	1.570	.811	.722	.906	25	
YF35032UI	350	185.00	1.260	.843	.795	.941	25	
YF35040UI	350	185.00	1.570	.843	.795	.941	25	

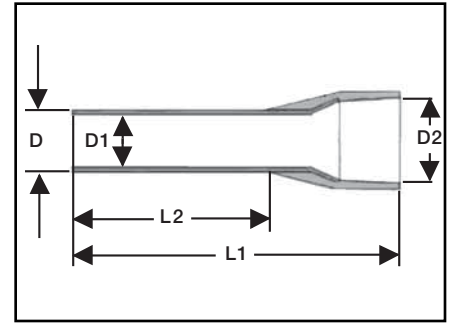
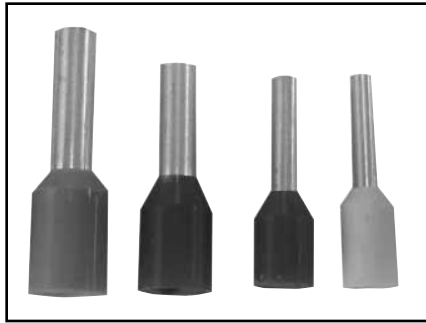
Blue highlighted items are industry standard and most frequently ordered.

TYPE YF-I FERRULES

INSULATED FERRULES

For Use On Copper Conductor
Offered in Series D, T & W

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF-UI) and insulated (type YF-I) ferrules.



Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

Catalog Number*	Wire Size		Dimensions in Inches					Bag Qty.	Tooling
	AWG	mm ²	L1 (in.)	L2 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YF2806I	28	.14	.409	.236	.037	.031	.043	500	YF3206TOOL
YF2808I	28	.14	.488	.315	.037	.031	.043	500	
YF2606I	26	.25	.409	.236	.043	.031	.075	500	YF3206TOOL YF2610TOOL
YF2608I	26	.25	.488	.315	.043	.031	.075	500	
YF2406I	24	.34	.409	.236	.043	.031	.075	500	YF3206TOOL YF2610TOOL YF2214TOOL YF2210TOOL
YF2408I	24	.34	.488	.315	.043	.031	.075	500	
YF2205I	22	.50	.433	.197	.051	.039	.102	500	
YF2206I	22	.50	.472	.236	.051	.039	.102	500	
YF2208I	22	.50	.551	.315	.051	.039	.102	500	
YF2210I	22	.50	.630	.394	.051	.039	.102	500	
YF2212I	22	.50	.709	.472	.051	.039	.102	500	
YF2006I	20	.75	.472	.236	.059	.047	.110	500	
YF2008I	20	.75	.551	.315	.059	.047	.110	500	
YF2010I	20	.75	.630	.394	.059	.047	.110	500	
YF2012I	20	.75	.709	.472	.059	.047	.110	500	
YF2018I	20	.75	.957	.709	.059	.047	.110	500	
YF1806I	18	1.00	.472	.236	.067	.055	.118	500	
YF1808I	18	1.00	.551	.315	.067	.055	.118	500	
YF1810I	18	1.00	.630	.394	.067	.055	.118	500	
YF1812I	18	1.00	.709	.472	.067	.055	.118	500	
YF1818I	18	1.00	.957	.709	.067	.055	.118	500	
YF1606I	16	1.50	.484	.236	.079	.067	.138	500	
YF1608I	16	1.50	.551	.315	.079	.067	.138	500	
YF1610I	16	1.50	.630	.394	.079	.067	.138	500	
YF1612I	16	1.50	.709	.472	.079	.067	.138	500	
YF1615I	16	1.50	.839	.591	.079	.067	.138	500	
YF1618I	16	1.50	.945	.709	.079	.067	.138	500	
YF1408I	14	2.50	.591	.315	.098	.087	.165	500	
YF1410I	14	2.50	.685	.394	.098	.087	.165	500	
YF1412I	14	2.50	.709	.472	.098	.087	.165	500	
YF1418I	14	2.50	.945	.709	.098	.087	.165	500	
YF1425I	14	2.50	.984	.709	.098	.087	.165	500	

* Insert series letter for complete catalog number:
(example: YF2806IW).

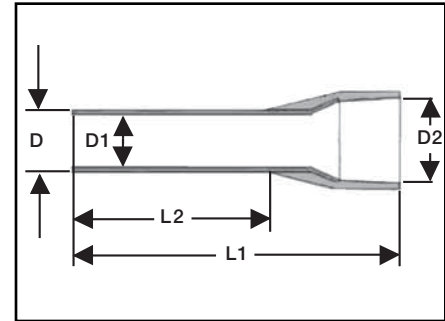
Blue highlighted items are industry standard and most frequently ordered.

TYPE YF-I FERRULES

(Continued)

INSULATED FERRULES

For Use On Copper Conductor
Offered in Series D, T & W



Catalog Number*	Wire Size		Dimensions in Inches					Bag Qty.	Tooling
	AWG	mm ²	L1 (in.)	L2 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YF1209I	12	4.00	.646	.315	.126	.110	.189	500	YF3206TOOL YF2610TOOL YF2210TOOL
YF1210I	12	4.00	.699	.394	.126	.110	.189	500	
YF1212I	12	4.00	.787	.472	.126	.110	.189	500	
YF1218I	12	4.00	1.020	.709	.126	.110	.189	500	YF3206TOOL YF2610TOOL YF2210TOOL YF1006TOOL
YF1010I	10	6.00	.728	.394	.154	.138	.248	100	
YF1012I	10	6.00	.787	.472	.154	.138	.248	100	
YF1018I	10	6.00	1.020	.709	.154	.138	.138	100	YF3206TOOL YF1006TOOL YF0801TOOL
YF0812I	8	10.00	.866	.472	.193	.177	.299	100	
YF0815I	8	10.00	.929	.591	.193	.177	.299	100	
YF0818I	8	10.00	1.10	.709	.193	.177	.299	100	YF3206TOOL YF1006TOOL YF0801TOOL
YF0612I	6	16.00	.945	.472	.244	.228	.346	100	
YF0618I	6	16.00	1.10	.709	.244	.228	.346	100	
YF0412I	4	25.00	.945	.472	.303	.287	.441	100	YF0801TOOL YF0401TOOL
YF0415I	4	25.00	1.06	.591	.303	.287	.441	100	
YF0416I	4	25.00	1.10	.630	.303	.287	.441	100	
YF0418I	4	25.00	1.18	.709	.303	.287	.441	100	
YF0422I	4	25.00	1.42	.866	.303	.287	.441	100	
YF0425I	4	25.00	1.45	.984	.303	.287	.441	100	
YF0216I	2	35.00	1.18	.630	.343	.327	.500	100	
YF0218I	2	35.00	1.26	.709	.343	.327	.500	100	
YF0222I	2	35	1.15	.709	.343	.327	.50	100	
YF0225I	2	35	1.53	.984	.343	.327	.50	100	
YF0112I	1	50	1.10	.472	.429	.406	.591	50	
YF0116I	1	50	1.26	.630	.429	.406	.591	50	
YF0120I	1	50	1.417	.787	.429	.406	.591	50	
YF0122I	1	50	1.50	.866	.429	.406	.591	50	
YF0125I	1	50	1.58	.984	.429	.406	.591	50	
YF0130I	1	50	1.81	1.18	.429	.406	.591	50	
YF2/020ID	2/0	70	1.48	.787	.563	.531	.631	25	YF1/03/0TOOL
YF2/025ID	2/0	70	1.654	.984	.563	.531	.631	25	
YF2/027ID	2/0	70	1.73	1.06	.563	.531	.631	25	
YF3/025ID	3/0	95	1.73	.984	.614	.583	.725	25	YF4/0250TOOL
YF3/030ID	3/0	95	1.95	1.18	.614	.583	.725	25	
YF4/027ID	4/0	120	1.87	1.06	.697	.657	.799	25	
YF4/030ID	4/0	120	2.09	1.18	.697	.657	.799	25	
YF4/032ID	4/0	120	2.07	1.26	.697	.657	.799	25	
YF4/034ID	4/0	120	2.15	1.34	.697	.657	.799	25	
YF25025ID	250	150	1.99	.984	.811	.772	.921	25	
YF25027ID	250	150	2.07	1.06	.811	.772	.921	25	
YF25032ID	250	150	2.27	1.26	.811	.772	.921	25	
YF25038ID	250	150	2.50	1.50	.811	.772	.921	25	

* Insert series letter for complete Catalog Number:
(example: YF2806IW).
** Note that 2/0 size and above only available in D Series.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YF, YF-I FERRULES

INSULATED TWIN FERRULES

For Use On Copper Conductor



Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF) and insulated (type YF-I) ferrules.

Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

Catalog Number*	Wire Size		Dimensions in Inches				Bag Qty.	Tooling
	AWG	mm ²	L1 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YFTW0614_	6	16.00	1.230"	0.343"	0.327"	0.748"	100	YF2210TOOL
YFTW0814_	8	10.00	1.050"	0.272"	0.256"	0.496"	100	
YFTW1014_	10	6.00	1.030"	0.209"	0.193"	0.374"	100	
YFTW1212_	12	4.00	0.909"	0.165"	0.150"	0.346"	100	
YFTW1410_	14	2.5	0.728"	0.130"	0.114"	0.315"	500	
YFTW1413_	14	2.5	0.846"	0.130"	0.114"	0.315"	500	
YFTW1608_	16	1.5	0.610"	0.102"	0.091"	0.252"	500	
YFTW1612_	16	1.5	0.768"	0.102"	0.091"	0.252"	500	
YFTW1808_	18	1.00	0.594"	0.094"	0.083"	0.217"	500	
YFTW1810_	18	1.00	0.673"	0.094"	0.083"	0.217"	500	
YFTW2008_	20	.75	0.579"	0.083"	0.071"	0.217"	500	
YFTW2010_	20	.75	0.657"	0.083"	0.071"	0.217"	500	
YFTW2208_	22	.50	0.571"	0.071"	0.059"	0.197"	500	

* Insert series number after Catalog Number (example: YFTW0614W is the W series).

Blue highlighted items are industry standard and most frequently ordered.

TYPE YHS

HYDENT™ HEAT SHRINK RING AND FORK TONGUE TERMINALS

For Use On Copper Conductor

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire Strip Length 5/16"

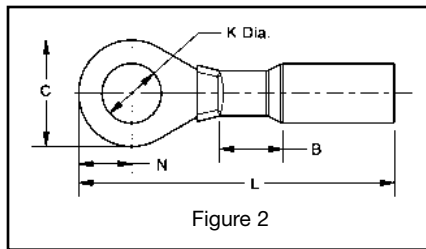


Figure 2

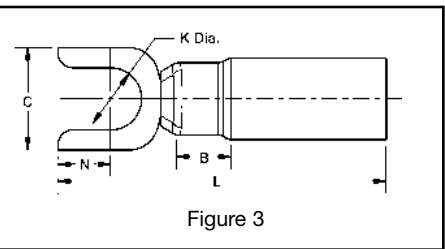


Figure 3

Catalog No. (100/bag)	Catalog No. (20/bag)	Fig. No.	Stud Size	Conductor Size	Tongue Type	Dimensions					Tongue Thickness
						B	C	K	L	N	
YHSA18K6	YHSA18K6RK	2	#6	22 - 18 AWG	Ring	0.22"	0.29"	0.14"	1.18"	0.14"	0.03"
YHSA18K8	YHSA18K8RK	2	#8	22 - 18 AWG	Ring	0.22"	0.32"	0.17"	1.18"	0.17"	0.03"
YHSA18K10	YHSA18K10RK	2	#10	22 - 18 AWG	Ring	0.22"	0.32"	0.20"	1.18"	0.33"	0.03"
YHSA18K14	YHSA18K14RK	2	1/4	22 - 18 AWG	Ring	0.22"	0.47"	0.27"	1.40"	0.38"	0.03"
YHSA18K38	YHSA18K38RK	2	3/8	22 - 18 AWG	Ring	0.22"	0.56"	0.40"	1.45"	0.28"	0.03"
YHSA14K8	YHSA14K8RK	2	#8	16 - 14 AWG	Ring	0.22"	0.32"	0.17"	1.18"	0.16"	0.03"
YHSA14K10	YHSA14K10RK	2	#10	16 - 14 AWG	Ring	0.22"	0.32"	0.20"	1.18"	0.17"	0.03"
YHSA14K14	YHSA14K14RK	2	1/4	16 - 14 AWG	Ring	0.22"	0.47"	0.26"	1.40"	0.23"	0.03"
YHSA14K38	YHSA14K38RK	2	3/8	16 - 14 AWG	Ring	0.22"	0.56"	0.40"	1.45"	0.28"	0.03"
YHSA10K10	YHSA10K10RK	2	#10	12 - 10 AWG	Ring	0.22"	0.34"	0.20"	1.15"	0.18"	0.04"
YHSA10K14	YHSA10K14RK	2	1/4	12 - 10 AWG	Ring	0.22"	0.56"	0.26"	1.45"	0.15"	0.04"
YHSA10K38	YHSA10K38RK	2	3/8	12 - 10 AWG	Ring	0.22"	0.56"	0.40"	1.45"	0.28"	0.04"
YHSA10K12	YHSA10K12RK	2	1/2	12 - 10 AWG	Ring	0.22"	0.69"	0.53"	1.69"	0.36"	0.04"
YHSA18K10F	YHSA18K10FRK	3	#10	22 - 18 AWG	Fork	0.22"	0.31"	0.20"	1.18"	0.27"	0.03"
YHSA14K10F	YHSA14K10FRK	3	#10	16 - 14 AWG	Fork	0.22"	0.34"	0.21"	1.17"	0.27"	0.03"
YHSA10K10F	YHSA10K10FRK	3	#10	12 - 10 AWG	Fork	0.22"	0.37"	0.21"	1.16"	0.27"	0.04"

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

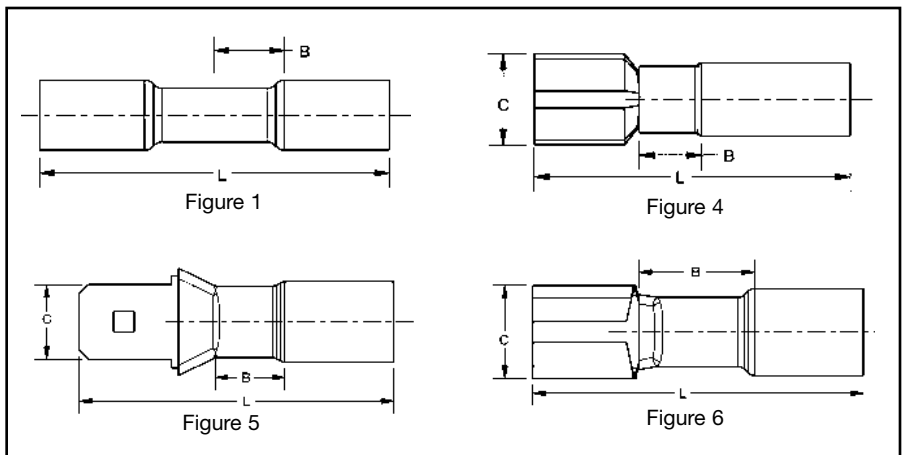
TYPE YHS

HYDENT™ HEAT SHRINK BUTT SPLICES AND QUICK DISCONNECTS

For Use On Copper Conductor

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16"



Catalog No. (100/bag)	Catalog No. (20/bag)	Fig. No.	Conductor Size	Connector Type	Dimensions		
					B	C	L
YHSS18	YHSS18RK	1	22 - 18 AWG	Butt Splice	0.25"	—	1.50"
YHSS14	YHSS14RK	1	16 - 14 AWG	Butt Splice	0.25"	—	1.50"
YHSS10	YHSS10RK	1	12 - 10 AWG	Butt Splice	0.25"	—	1.60"
YHSQ18F25X03	YHSQ18F25X03RK	4	22 - 18 AWG	Female Quick Disconnect	0.22"	0.30"	1.27"
YHSQ18M25X03	YHSQ18M25X03RK	5	22 - 18 AWG	Male Quick Disconnect	0.22"	0.25"	1.25"
YHSQ14F25X03	YHSQ14F25X03RK	4	16 - 14 AWG	Female Quick Disconnect	0.22"	0.30"	1.27"
YHSQ14M25X03	YHSQ14M25X03RK	5	16 - 14 AWG	Male Quick Disconnect	0.22"	0.25"	1.25"
YHSQ10F25X03	YHSQ10F25X03RK	4	12 - 10 AWG	Female Quick Disconnect	0.22"	0.30"	1.27"
YHSQ10M25X03	YHSQ10M25X03RK	5	12 - 10 AWG	Male Quick Disconnect	0.22"	0.25"	1.19"
YHSFQ18F25X03	YHSFQ18F25X03RK	6	22 - 18 AWG	Fully Insulated Female Quick Disconnect	0.22"	0.38"	1.28"
YHSFQ14F25X03	YHSFQ14F25X03RK	6	16 - 14 AWG	Fully Insulated Female Quick Disconnect	0.22"	0.38"	1.28"
YHSFQ10F25X03	YHSFQ10F25X03RK	6	12 - 10 AWG	Fully Insulated Female Quick Disconnect	0.22"	0.38"	1.34"

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSSHRACK

**HYDENT™ HEAT SHRINK
FULLY LOADED RACK**

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16"



List of Items Included in HSSHRACK

Quantity of Bags included in rack (20 pieces per bag)	Catalog Number	Stud Size	Conductor Size	Description
5	YHSS18RK	—	22 - 18 AWG	Butt Splice
5	YHSS14RK	—	16 - 14 AWG	Butt Splice
5	YHSS10RK	—	12 - 10 AWG	Butt Splice
5	YHSA18K10RK	#10	22 - 18 AWG	Ring Tongue Terminal
5	YHSA14K10RK	#10	16 - 14 AWG	Ring Tongue Terminal
5	YHSA10K10RK	#10	12 - 10 AWG	Ring Tongue Terminal
5	YHSA18K10FRK	#10	22 - 18 AWG	Fork Tongue Terminal
5	YHSA14K10FRK	#10	16 - 14 AWG	Fork Tongue Terminal
5	YHSA10K10FRK	#10	12 - 10 AWG	Fork Tongue Terminal
5	YHSFQ18F25X03RK	—	22 - 18 AWG	Fully Insulated Female Quick Disconnect
5	YHSFQ14F25X03RK	—	16 - 14 AWG	Fully Insulated Female Quick Disconnect
5	YHSFQ10F25X03RK	—	12 - 10 AWG	Fully Insulated Female Quick Disconnect
—	—	—	—	Durable Cardboard Rack Display

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSKIT

HYDENT™ HEAT SHRINK CONNECTORS AND INSTALLATION TOOL

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Heat shrink terminals provide a durable seal, blocking out contaminants, ensuring a better connection.

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16"



List of Items Included in HSKIT							
Quantity of Pieces included in kit	Description	Conductor Size	Stud Size	Quantity of Pieces included in kit	Description	Conductor Size	Stud Size
50	Butt Splice	22 - 18 AWG	—	10	Fork Terminal	22 - 18 AWG	#6
50	Butt Splice	16 - 14 AWG	—	10	Fork Terminal	22 - 18 AWG	#8
30	Butt Splice	12 - 10 AWG	—	10	Fork Terminal	22 - 18 AWG	#10
15	Butt Splice	#8 AWG	—	10	Fork Terminal	16 - 14 AWG	#6
10	Ring Terminal	22 - 18 AWG	#6	10	Fork Terminal	16 - 14 AWG	#8
10	Ring Terminal	22 - 18 AWG	#8	10	Fork Terminal	16 - 14 AWG	#10
10	Ring Terminal	22 - 18 AWG	#10	10	Fork Terminal	12 - 10 AWG	#6
10	Ring Terminal	22 - 18 AWG	5/16"	10	Fork Terminal	12 - 10 AWG	#8
10	Ring Terminal	22 - 18 AWG	1/4"	10	Fork Terminal	12 - 10 AWG	#10
10	Ring Terminal	22 - 18 AWG	3/8"	15	Fork Terminal	#8 AWG	3/8"
10	Ring Terminal	16 - 14 AWG	#8	50 (25 ea)	Male & Female Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#10	50 (25 ea)	Male & Female Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	5/16"	50 (25 ea)	Male & Female Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	16 - 14 AWG	1/4"	30 (15 ea)	Male & Female Bullet	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	3/8"	20 (10 ea)	Male & Female Ins. Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#6	20 (10 ea)	Male & Female Ins. Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	#8	20 (10 ea)	Male & Female Ins. Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	12 - 10 AWG	#10	10	Step Down Butt Splice	16 - 14 to 22 - 18 AWG	—
10	Ring Terminal	12 - 10 AWG	5/16"	10	Step Down Butt Splice	12 - 10 to 16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	1/4"	1	Ratchet Crimp Tool	—	—
10	Ring Terminal	12 - 10 AWG	3/8"	1	Metal Case with Dividers	—	—
15	Ring Terminal	#8 AWG	#10				

Blue highlighted items are industry standard and most frequently ordered.

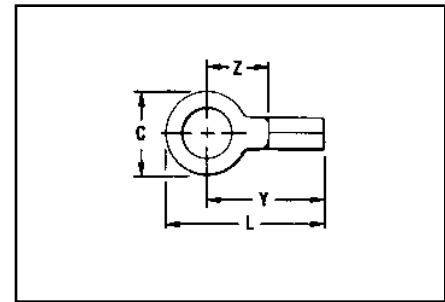
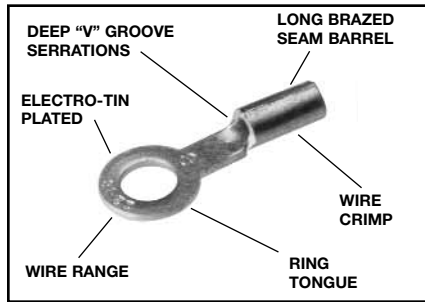
TYPES T AND YAD

HYLUG™

Uninsulated Compression Terminal, Ring Tongue

The Type T uninsulated terminals are constructed of pure electrolytic copper. Designed with a long brazed seam barrel, standard neck, deep V groove inner serrations and electro-tin plated. The terminals are ideal for control wiring and other standard duty applications.

The ring tongue provides a secure termination under the screw head that cannot be removed without the complete removal of the screw. Two or more terminals can easily be stacked on a common stud.



Features and Benefits

- Constructed of pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Long brazed seam barrel and deep V groove inner serrations.
 - ◇ Provides optimum conductivity reliability and holding power after crimping.
- Electro-tin plated.
 - ◇ Provides durable long-lasting corrosion resistance.
- Wire range is clearly marked on terminal.
 - ◇ Provides easy identification.
- Inspection hole.
 - ◇ Provides an easy visual check of wire insertion.
- Long neck terminal.
 - ◇ Permits easy bending and stacking of several terminals on a common stud.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
T18-4	22-18	3, 4	.25	.65	.53	.24	YAD18-4	YAD18-4M YAD18-6M YAD18-8M YAD18-10M YAD18-14M	TFM with DFM6D1 Die	9/32"	
T18-6		4-6	.25	.65	.53	.24	YAD18-6				
T18-8		6-8	.31	.77	.61	.33	YAD18-8				
T18-10		8-10	.31	.77	.61	.33	YAD18-10				
T18-14		1/4	.45	.96	.73	.44	YAD18-14				
T18-516		5/16	.45	.96	.73	.44	YAD18-516				
T18-38		3/8	.53	1.05	.78	.49	YAD18-38				
T14-4	20-14	3, 4	.25	.67	.55	.26	YAD14-4	YAD14-4M YAD14-6M YAD14-8M YAD14-10M YAD14-14M — YAD14-38M	TFM with DFM5D1 Die	9/32"	
T14-6		4-6	.25	.67	.55	.26	YAD14-6				
T14-8		6-8	.31	.77	.61	.33	YAD14-8				
T14-10		8-10	.31	.77	.61	.33	YAD14-10				
T14-14		1/4	.45	.96	.73	.44	YD14-14				
T14-516		5/16	.45	.96	.73	.44	YAD14-516				
T14-38		3/8	.53	1.05	.78	.49	YAD14-38				
T10-6	12-10*	4-6	.37	.83	.64	.29	YAD10-6	— •YAD10-8M — *YAD10-14M *YAD10-516M *YAD10-38M	TFM with DFM4D1 Die	11/32"	
T10-8		6-8	.37	.83	.64	.29	YAD10-8				
T10-10		8-10	.37	.83	.64	.29	YAD10-10				
T10-14		1/4	.46	.97	.74	.39	YAD10-14				
T10-516		5/16	.53	1.02	.76	.41	YAD10-516				
T10-38		3/8	.58	1.08	.79	.44	YAD10-38				

* NOTE: UL Listed for 14-10 when installed with MR8G98 and Y8MRB-1 tools only.
• 1000 pcs/reel.

Blue highlighted items are industry standard and most frequently ordered.

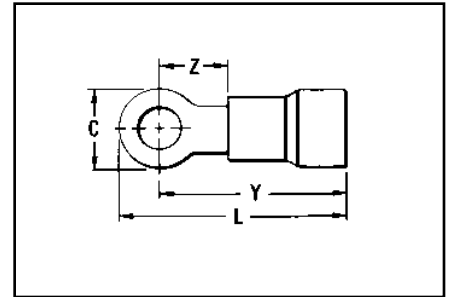
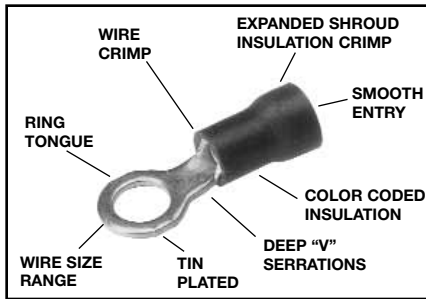
TYPES TP AND BA

VINYLUTM

Terminal – Polyvinylchloride Insulated, Ring Tongue

600 Volts Max., 105° C Max.

VINYLUTM Type TP is designed for commercial and light duty industrial control and power circuit applications. Supplied with an expanded polyvinyl chloride (PVC) insulation shroud, many tongue variations and rated 600V makes TP terminals versatile and economical.



Features and Benefits

- Expanded insulation support accepts standard and large wire diameters.
 - ◇ Lowers inventory requirements, permits greater flexibility and provides insulation support.
- Funnel entry.
 - ◇ Easy wire insertion.
- Manufactured of pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Deep V groove serrations in the inner barrel.
 - ◇ Provides added holding strength and better conductivity.
- Electro-tin plated.
 - ◇ Provides durable long-lasting corrosion resistance.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L	Y	Z					
TP16-4	22-16 Max. Insul. Dia. Accom.: .145 Color Code: Red	3-4	.22	.71	.61	.17	BA16E4	Plier Type: Y10-22, Y10D or Ratchet Tool: MR8-89-1, MR8-G96, MR15	BA16E4M	TFM with DFM3D-1 Die	13/64"
TP16-6		4-6	.25	.74	.62	.18	BA16E6		BA16E6M		
TP16-8		6-8	.31	.85	.70	.26	BA16E8		BA16E8M		
TP16-10		8-10	.31	.85	.70	.26	BA16E10		BA16E10M		
TP16-14		12, 1/4	.40	.99	.79	.36	BA16E14		BA16E14M		
TP16-38		3/8	.53	1.15	.88	.45	BA16E38		BA16E38M		
TP14-4	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	3-4	.22	.71	.61	.17	BA14E4	Plier Type: Y10-22, Y10D or Ratchet: MR8-89-1, MR8-G96, MR15	BA14E4M	TFM with DFM2D-1 Die	13/64"
TP14-6		4-6	.25	.74	.62	.18	BA14E6		BA14E6M		
TP14-8		6-8	.31	.85	.70	.26	BA14E8		BA14E8M		
TP14-10		8-10	.31	.85	.70	.26	BA14E10		BA14E10M		
TP14-14		12, 1/4	.40	.99	.79	.36	BA14E14		BA14E14M		
TP14-516		5/16	.53	1.15	.88	.45	BA14E516		BA14E516M		
TP14-38	3/8	.53	1.15	.88	.45	BA14E38	—				
TP10-6	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4-6	.31	.91	.75	.20	BA10E6	Plier Type: Y10-22, Y10D or Ratchet: MR8-89-1, MR15, M8ND w/N10HET-23	*BA10E6M	TFM with DFM1D5 Die	19/64"
TP10-8		6-8	.36	1.00	.81	.26	BA10E8		*BA10E8M		
TP10-10		8-10	.36	1.00	.81	.26	BA10E10		*BA10E10M		
TP10-14		12, 1/4	.53	1.22	.95	.40	BA10E14		*BA10E14M		
TP10-38		3/8	.53	1.27	1.00	.45	BA10E38		*BA10E38M		

* 1000/Reel

Blue highlighted items are industry standard and most frequently ordered.

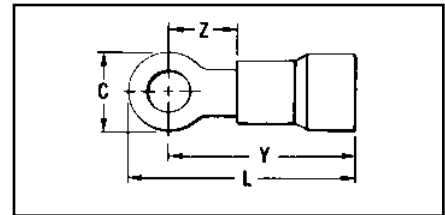
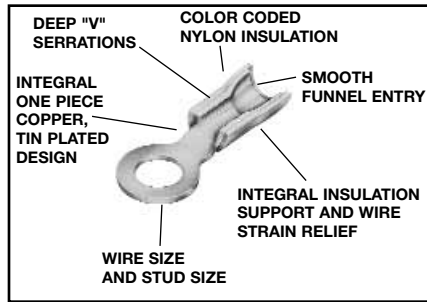
TYPES TN AND YAES

INSULUG™

Terminal — Nylon Insulated,
Ring-Tongue

300 Volts Max., 105°C Max.

INSULUG™ type TN Nylon-insulated terminals are designed for heavy duty industrial, utility and military power and control-circuit applications for wire sizes 26 AWG through 10 AWG. They offer high dielectric strength and stability in oily conditions and meet military CLASS 1 and CLASS 2 requirements per SAE-AS25036 and the requirements of military specifications SAE-AS7928.



Features and Benefits

- An integral one-piece copper barrel /insulation grip and wire strain relief design.
 - ◇ Provides improved physical strength characteristics over a multi-piece design.
- Manufactured of pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Brazed seam.
 - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding.
- Deep inner barrel serrations.
 - ◇ Provides excellent electrical conductivity and pullout strength values.
- Smooth funnel entry.
 - ◇ Easy wire insertion.
- The insulation is locked in place.
 - ◇ Will not twist off, thereby maintains proper dielectric values.
- Electro-tin plated.
 - ◇ Provides durable long-lasting resistance to corrosion.
- Color-coded and clearly marked.
 - ◇ Provides quick, easy wire size identification.
- Ring Tongue.
 - ◇ Provides a secure termination under the screw head that can not be removed without complete removal of the screw.
- Two or more terminals may be stacked on a common stud easily.
 - ◇ Provides flexibility and versatility.

Catalog Number	Wire Range	Stud Size	SAE-25036	Dimensions				Bulk ▲ Catalog Number	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.			
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	3-4	-148	.23	.76	.64	.20	YAES18N48	Non-Ratchet: Y10D, Y1022 Ratchet: MR8-83	7/32"
TN18-6		4-6	-101	.25	.76	.64	.20	YAES18N1		
TN186G1		4-6	-102	.25	.87	.74	.49	YAES18N2		
TN18-8		6-8	-149	.31	.91	.76	.29	YAES18N49		
TN18-10		8-10	-103	.31	.91	.76	.29	YAES18N3		
TN18-14		12, 1/4	-150	.46	1.09	.87	.41	YAES18N50		
TN18-516		5/16	-104	.46	1.09	.87	.41	YAES18N4		
TN18-38	3/8	-105	.53	1.17	.91	.45	YAES18N5			
TN14-4	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	3-4	-152	.25	.79	.67	.24	YAES14N52		7/32"
TN14-6		4-6	-106	.25	.79	.67	.24	YAES14N6		
TN146G1		4-6	-107	.30	.91	.76	.51	YAES14N7		
TN14-8		6-8	-153	.31	.89	.74	.31	YAES14N53		
TN14-10		8-10	-108	.31	.89	.74	.31	YAES14N8		
TN14-14		12, 1/4	-154	.45	1.08	.86	.43	YAES14N54		
TN1412G1		1/2	-155	.71	1.32	.97	.72	YAES14N55		
TN14-516		5/16	-109	.45	1.08	.86	.43	YAES14N9		
TN14-38		3/8	-110	.53	1.16	.90	.47	YAES14N10		
TN10-6		12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	4-6	-111	.37	1.12	.94	.26	YAES10N11	
TN10-8	6-8		-156	.37	1.12	.94	.26	YAES10N56		
TN10-10	8-10		-112	.37	1.12	.94	.26	YAES10N12		
TN10-14	12, 1/4		-157	.53	1.32	1.06	.37	YAES10N57		
TN10-516	5/16		-113	.53	1.32	1.06	.37	YAES10N13		
TN10-38	3/8		-114	.58	1.34	1.05	.40	YAES10N14		

▲ Class 1 and class 2. Meets the requirement of aerospace specification SAE-AS7928.

Blue highlighted items are industry standard and most frequently ordered.

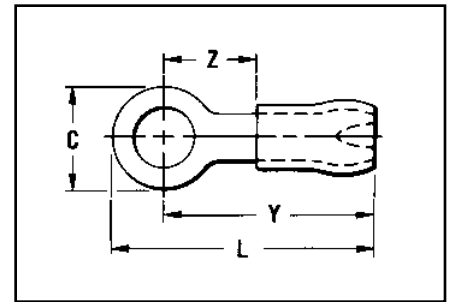
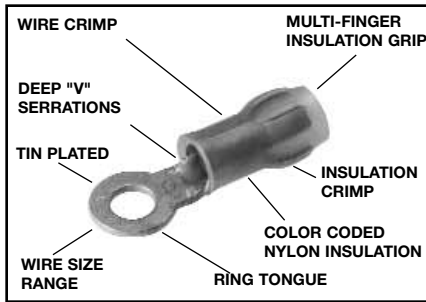
TYPES YAE-G AND YAE-N

INSULUG™

Terminal – Nylon Insulated, Ring-Tongue Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ Types YAE-G and YAE-N nylon insulated terminals are designed with a multi-finger insulation grip for paper, EPR and other elastic or hard to grip insulations. The metal fingers firmly grip the insulation providing superior holding characteristics, cable support and strain relief. Types YAE-G and YAE-N terminals are rated 105° C and meet military standard AS25036 Class 2 and SAE-AS7928 requirements.



Features and Benefits

- Multi-finger insulation grip.
 - ◇ Provides superior insulation holding characteristics, especially on EPR and other elastic-type insulations.
- Brazed seam.
 - ◇ Provides stronger more durable termination.
- Manufactured of pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Deep V groove, inner barrel serrations.
 - ◇ Provide optimum conductivity, reliability, and holding power.
- Smooth funnel entry.
 - ◇ Easy wire insertion.

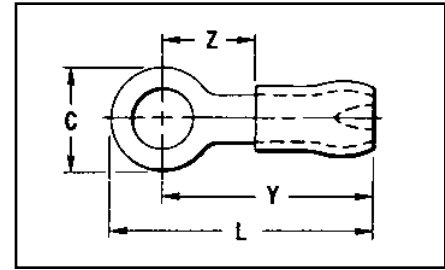
Catalog Number	Wire Range	Stud Size	** SAE-AS25036	Dimensions			Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length	
				C	L Max.	Y Max.						Z Max.
YAE22G18 BOX•	26-20	1.2	-148	.15	.70	.62	.22	YAE22G18•	M8ND with N14HET-25V1 Die MR8-1A	YAE22G18M•	TFM with DFM11D1 Die	5/32"
YAE22G12 BOX•	Max. Insul.	1.2	—	.25	.75	.62	.22	YAE22G12•		—		
YAE22G16 BOX•	Dia. Accom.:	3.4	-144	.18	.75	.62	.22	YAE22G16•		YAE22G16M•		
YAE22G13 BOX•	.098	4-6	-145	.25	.75	.62	.22	YAE22G13•		YAE22G13M•		
YAE22G14 BOX•	Color Code:	6-8	-146	.32	.83	.67	.27	YAE22G14•		—		
YAE22G15 BOX•	Amber	8-10	-147	.32	.83	.67	.27	YAE22G15•		—		

• Not UL recognized or Listed.
 * 1000/Box
 ** Class 2

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-G AND YAE-N
(Continued)

INSULUG™



Catalog Number	Wire Range	Stud Size	**SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Min.					
YAE18N29 BOX	22-16 † Max. Insul. Dia. Accom.: .125 Color Code: Red	1-2	—	.14	.75	.68	.19	YAE18N29	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of following dies: N14HET-25V1 N10ET-9 N14HET-15 N10ET-23 or Y10D Y10-22	YAE18N29M	TFM with DFM10D1 die	3/16"
YAE18N27 BOX		2	—	.19	.77	.66	.19	YAE18N27		YAE18N27M		
—		4	—	.25	.80	.68	.19	YAE18-N7		YAE18-N7M		
—		4	-148	.25	.80	.68	.19	YAE18N17		—		
—		4	—	.23	.78	.68	.19	YAE18N26		YAE18N26M		
YAE18N21 BOX		4-6	-102	.25	.89	.77	.28	YAE18N21		YAE18N21M		
—		4-6	—	.22	.79	.68	.19	YAE18N25		YAE18N25M		
YAE18G43 BOX		4-6	-101	.25	.90	.68	.19	YAE18G43		YAE18G43M		
YAE18N24 BOX		6-8	—	.28	.92	.77	.28	YAE18N24		YAE18N24M		
YAE18N1 BOX		6-8	-149	.31	.92	.77	.28	YAE18N1		YAE18N1M		
YAE18N BOX		8-10	-103	.31	.92	.77	.28	YAE18N		YAE18NM		
YAE18N2 BOX		12, 1/4	-150	.45	1.11	.88	.40	YAE18N2		YAE18N2M		
YAE18N3 BOX		5/16	-104	.45	1.11	.88	.40	YAE18N3		YAE18N3M		
YAE18N15 BOX		3/8	-105	.53	1.19	.93	.43	YAE18N15		YAE18N15M		
YAE14N43 BOX	16-14 Max. Insul. Dia. Accom.: .156 Color Code: Blue	4-6	-106	.25	.82	.69	.20	YAE14N43	YAE14N43M	TFM with DFM9D1 die	3/16"	
YAE14N1 BOX		6-8	-153	.31	.92	.75	.28	YAE14N1	YAE14N1M			
YAE14N BOX		8-10	-108	.31	.92	.75	.28	YAE14N	YAE14NM			
YAE14N2 BOX		1/4	-154	.45	1.11	.88	.40	YAE14N2	YAE14N2M			
YAE14N3 BOX	5/16	-109	.45	1.11	.88	.40	YAE14N3	YAE14N3M	TFM with DFM7D1 die	21/64"		
YAE14N4 BOX	3/8	-110	.53	1.19	.93	.44	YAE14N4	YAE14N4M				
—	14-12 Max. Insul. Dia. Accom.: .180 Color Code: Green	10	—	.31	1.06	.93	.29	YAE12N7	—	TFM with DFM7D1 die	3/8"	
YAE12N9 BOX		6-8	—	.31	1.06	.90	.28	YAE12N9	YAE12N9M			
YAE12N1 BOX		6-8	—	.31	1.06	.90	.28	YAE12N1	YAE12N1M			
YAE12N BOX		8-10	—	.31	1.06	.90	.28	YAE12N	YAE12NM			
YAE12N2 BOX	1/4	—	.46	1.25	1.02	.40	YAE12N2	YAE12N2M	TFM with DFM7D1 die	3/8"		
YAE10N5 BOX	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	-111	.38	1.15	.96	.28	YAE10N5			* YAE10N5M	
YAE10N11 BOX		6-8	-156	.38	1.17	.98	.30	YAE10N11			* YAE10N11M	
YAE10N BOX		8-10	-112	.38	1.15	.96	.28	YAE10N			* YAE10NM	
YAE10N3 BOX		1/4	-157	.54	1.39	1.12	.44	YAE10N3			* YAE10N3M	
YAE10N2		5/16	-113	.54	1.39	1.12	.44	YAE10N2			* YAE10N2M	
YAE10N4		3/8	-114	.54	1.39	1.12	.44	YAE10N4			* YAE10N4M	

* 1000/Reel
** Class 2
† Use Y10D or Y10-22 only when crimping #16 AWG.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YAES-K

INSULUG™

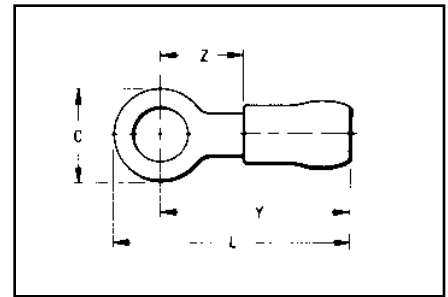
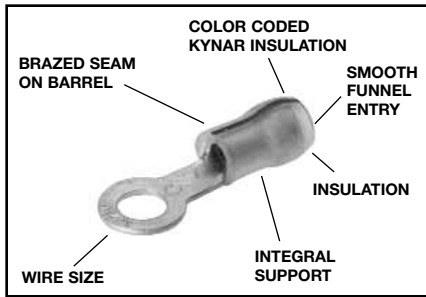
NUCLEAR TERMINALS AND SPLICES

Radiation Resistant Insulated Terminals, Ring Tongue

Polyvinylidene (PVF₂) Insulated 200 Megarads, -60° through 150° C, 600 Volts

The type YAES-K, radiation resistant KYNAR® insulated terminals are designed and have been tested to meet the requirements for class 1E critical circuits as set by the Nuclear Regulatory Commission (NRC). Additional testing for compatibility under loss of coolant accident (LOCA) conditions with cross-link polyethylene (XLP) and HYPALON® insulations was completed successfully. Compatibility with ethylene propylene rubber (EPR) insulation was determined by analysis. Each terminal is manufactured of pure electrolytic copper per QQ-C 576 and bright tin-plated per MIL-T-10727 and meets or exceeds SAE-AS7928 using stranded copper AWG wire. The KYNAR® insulation offers 200 megarad radiation resistance.

The Type YAES-K radiation resistant KYNAR® - insulated terminals are suitable for class 1E critical circuits and non-critical nuclear associated applications.



Features and Benefits

- KYNAR® insulation.
 - ◇ Provides 200 megarad radiation resistance plus successfully tested for insulation compatibility.
- An integral one-piece copper barrel/insulation grip and wire strain relief design.
 - ◇ Provides improved physical strength characteristics over a multi-piece design.
- The KYNAR® insulation is locked in place.
 - ◇ The insulation will not move or twist off, thereby maintains proper dielectric values.
- Manufactured from pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Bright tin-plated per MIL-T-10727.
 - ◇ Provides durable long-lasting resistance to corrosion.
- Deep inner barrel serrations.
 - ◇ Provides excellent electrical conductivity and tensile strength values.
- Brazed seam.
 - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding.
- Smooth funnel entry.
 - ◇ Easy wire insertion.
- Color coded terminals.
 - ◇ Provides easy wire size identification and inspection.
- Coded raised dots in the die area of the connection after compression.
 - ◇ Provides visual identification that the correct tool and die were used for proper installation.
- Inspection hole.
 - ◇ Permits visual check for proper wire insertion.
- Ring tongue design.
 - ◇ Provides a secure termination under screw head that cannot be removed without the complete removal of the screw.
- Multiple terminals may be stacked on a common stud easily.
 - ◇ Provides flexibility and versatility.

KYNAR - is a registered trademark of the Pennwalt Corp. for Polyvinylidene Fluoride (PVF₂)

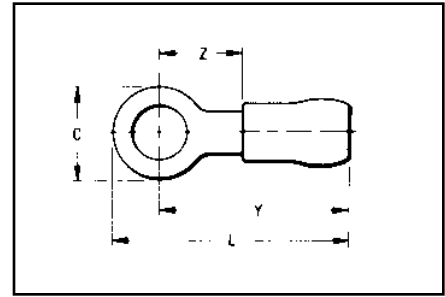
HYPALON - Is a registered trademark of the E.I. DuPont deNemours & Co., Inc.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YAES-K

(Continued)

INSULUG™



Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
YAES18K48	22-18 AWG str. Max. Insul. Dia. Accom.: .120 Color Code: Red	4	.23	.76	.64	.20	Ratchet Tool: MR10G6 Crimp Mark: (1) Small Dot Red Groove Calibration Gauge: PG-373-1	7/32"
YAES18K-1		6	.23	.76	.64	.20		
YAES18K-2		6	.25	.87	.74	.29		
YAES18K-49		8	.31	.91	.76	.29		
YAES18K-3		10	.31	.91	.76	.29		
YAES18K-50		1/4	.46	1.09	.86	.41		
YAES18K-4		5/16	.46	1.09	.86	.41		
YAES18K-5		3/8	.53	1.18	.91	.45		
YAES14K-6	16-14 AWG str. Max. Insul. Dia. Accom.: .153 Stock Thickness: .032 Color Code: Blue	6	.25	.77	.65	.22	Ratchet Tool: MR10G6 Crimp Mark: (2) Small Dots Blue Groove Calibration Gauge: PG-371-1	7/32"
YAES14K-7		6	.31	.91	.76	.29		
YAES14K-53		8	.31	.91	.76	.29		
YAES14K-8		10	.31	.91	.76	.29		
YAES14K-54		1/4	.46	1.09	.86	.41		
YAES14K-9		5/16	.46	1.09	.86	.41		
YAES14K-10	3/8	.53	1.18	.91	.45			
YAES10K-11	12-10 AWG str. Max. Insul. Dia. Accom.: .210 Stock Thickness: .040 Color Code: Yellow	6	.38	1.12	.94	.26	Ratchet Tool: MR10G6 Crimp Mark: (1) Large Dot Calibration Gauge: PG-372-1	3/8"
YAES10K-11T1		6	.31	1.09	.94	.26		
YAES10K-56		8	.38	1.12	.94	.26		
YAES10K-12		10	.38	1.12	.94	.26		
YAES10K-57		1/4	.53	1.32	1.06	.37		
YAES10K-13		5/16	.53	1.32	1.06	.37		
YAES10K-14		3/8	.58	1.34	1.05	.40		
YAES10K-58		1/2	.72	1.41	1.06	.45		

Blue highlighted items are industry standard and most frequently ordered.

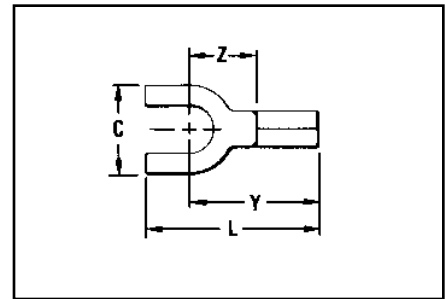
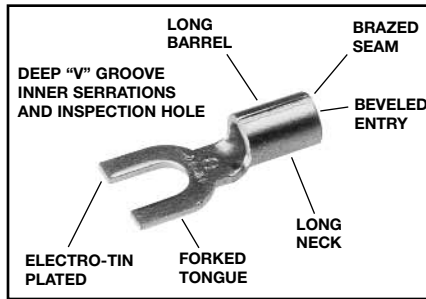
TYPES T-F AND YAD-F

HYLUG™

Uninsulated Compression Terminal, Fork Tongue

Type T-F is constructed in the same manner as the type "T" and employs a fork tongue.

The fork permits rapid installation of the terminal under a screw head without completely removing the screw. Two or more terminals may be stacked easily on a common stud.



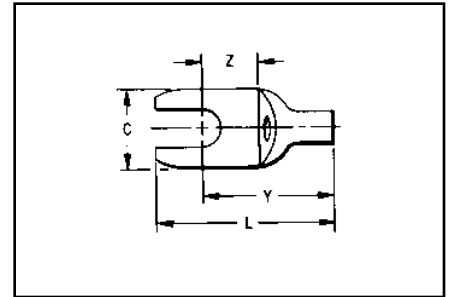
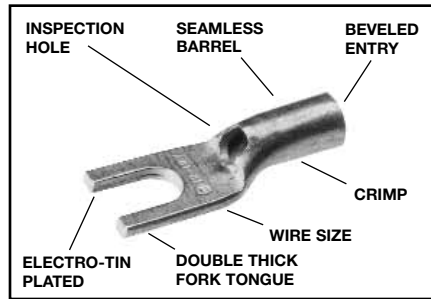
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
T18-6F	22-18	4-6	.28	.68	.55	.25	YAD18-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98 Y8MRB-1, MR20	9/32"
T18-8F		6-8	.31	.74	.57	.27	YAD18-8F		
T18-10F		8-10	.37	.74	.58	.29	—		
T18-14F			.47	.92	.69	.39	YAD18-14F		
T14-6F	20-14	4-6	.28	.68	.55	.25	YAD14-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	9/32"
T14-8F		6-8	.31	.74	.57	.27	YAD14-8F		
T14-10F		8-10	.37	.74	.58	.29	YAD14-10F		
T14-14F			.47	.92	.69	.39	YAD14-14F		
T10-6F	12-10	4-6	.28	.74	.61	.25	YAD10-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	11/32"
T10-8F		6-8	.31	.80	.63	.27	YAD10-8F		
T10-10F		8-10	.41	.87	.68	.32	YAD10-10F		
T10-14F			.50	1.00	.75	.39	—		

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-T-F BOX AND YAV-T-F

HYLUG™

Seamless Uninsulated Compression Fork Tongue Terminal



The type YAV-T-F HYLUG™ is a seamless heavy duty uninsulated compression fork-tongue terminal manufactured from electrolytic copper for use on copper commercial (code) cable, Type AN aircraft cable and extra flexible conductors.

The seamless design produces a double thick tongue and the seamless barrel provides a strong highly reliable connection.

All the benefits of the Type YAV apply for the same wire sizes.

Features and Benefits

- Fork tongue.
 - ◇ Allows installation of compression terminal under screw head without complete removal of the screw.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
YAV18-T19F BOX	22-18	4-6	.31	.80	.55	.25	YAV18-T19F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-G98, MR8-9Q, MR20, Y8MRB-1	9/32"
YAV18-T21F BOX		8-10	.37	.80	.55	.25	YAV18-T21F		9/32"
YAV14-T32F BOX	20-14	4-6	.31	.80	.57	.25	YAV14-T32F		7/16"
YAV14-T34F BOX		8-10	.37	.82	.60	.26	YAV14-T34F		
YAV10-T21F BOX	12-10	8-10	.38	.91	.69	.26	YAV10-21F		
YAV10-T23F BOX		1/4"	.47	1.00	.75	.34	YAV10T23F		

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-H-F BOX, YAV-H-F AND YAV-Z

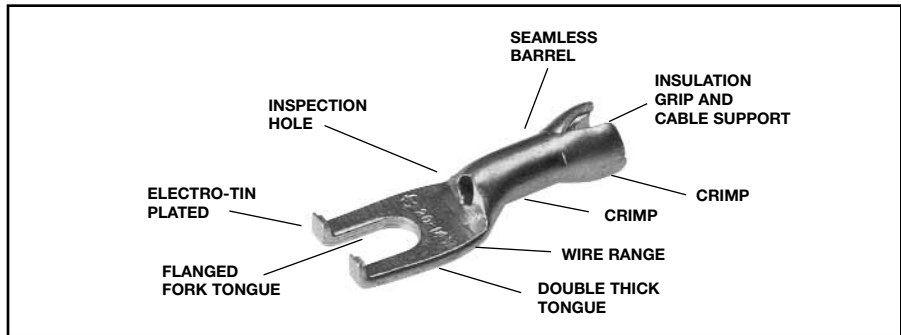
HYLUG™

Uninsulated Compression Terminal Fork Tongue With Seamless Shroud

The type "YAV-H-F" HYLUG™ is a seamless heavy duty uninsulated compression fork tongue terminal with a shroud for an insulation grip and cable support. Manufactured from electrolytic copper tubing for use on copper commercial (code) cable, Type "AN" aircraft and extra flexible conductors.

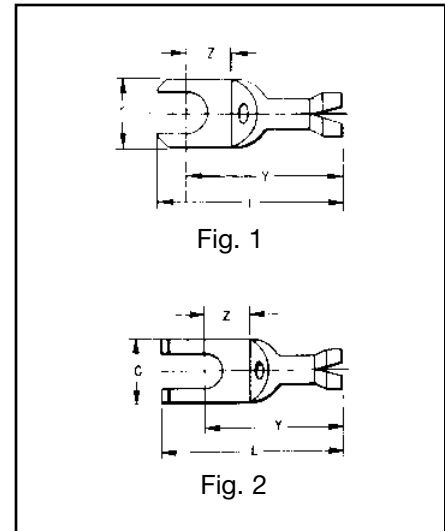
The seamless tubing produces a double thick tongue while the seamless barrel design provides a very strong connector for very demanding applications that require highly reliable connections.

In addition to the benefits described for the YAV box series of connectors the YAVH-F Box and YAV-Z terminals provide the following benefits.



Features and Benefits

- Fork tongue.
 - ◇ Allows installation of compression terminal under screw head without complete removal of the screw thereby lowering installation costs.
- Flanged fork tongue.
 - ◇ Allows installation of compression terminal under screw head without complete removal of the screw plus aids in maintaining the terminal on the stud should the screw loosen slightly.



Catalog Number	Fig.	Wire Range	Stud Size	Max. Insul. Dia. Accom.	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
					C	L Max.	Y Max.	Z Min.			
YAV18-H6F BOX	1	22-18	4-6	.120	.25	.89	.80	.19	YAV18-H6F	Non-Ratchet: Y10D*, Y14MV, Y10-22* Ratchet: MR8-G98, MR8-9Q, Y8MRB-1*, MR20, and M8ND with N14HT-5 Die or N14HT	1/4"
YAV18-H19 BOX	1		4-6	.120	.30	.97	.75	.21	YAV18-H19F		
YAV18-H21F BOX	1		8-10	.120	.37	.97	.76	.22	YAV18-H21F		
YAV14-Z5 BOX	2	20-14	4-6	.150	.31	.89	.69	.13	YAV14-Z5		
YAV14-H32F BOX	1		4-6	.150	.30	.96	.78	.23	YAV14-H32F		
YAV14-H56F BOX	1		6-8	.150	.30	.96	.78	.23	YAV14-H56F		
YAV14-H34F BOX	1		8-10	.150	.37	.96	.78	.23	YAV14-H34F		
YAV14-HF BOX	1		8-10	.150	.31	.93	.78	.23	YAV14-HF		
YAV14-Z6 BOX	2		8-10	.150	.37	1.04	.78	.21	YAV14-Z6		
YAV10-HF BOX	1		12-10	8-10	.192	.38	1.07	.92	.24	YAV10-HF	N10HT-24

* Crimps conductor crimp only.

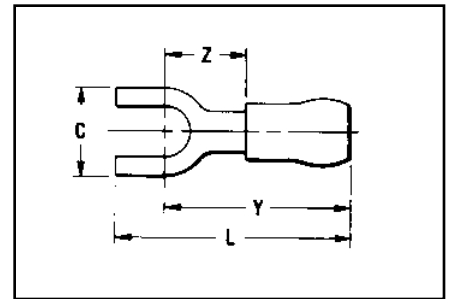
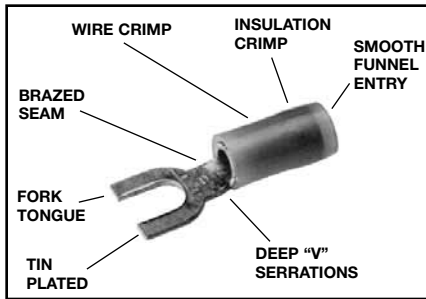
Blue highlighted items are industry standard and most frequently ordered.

TYPES TN-F AND YAES-F

INSULUG™

Terminal – Nylon Insulated, Fork Tongue

300 Volts Max., 105° C Max.



The type TN-F, nylon insulated fork tongue terminal has the same high quality as the TN. It is designed to meet the heavy-duty requirements of industrial and utility applications.

Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

The TN-F is identical to the TN with the addition of a fork tongue which allows installation without complete removal of its supporting screw.

Features and Benefits

- Fork tongue.
 - ◊ Provides faster and easier installation by permitting insertion under the screw head without completely removing it.



Catalog Number	Wire Range	Stud Sizes	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length	
			C	L Max.	Y Max.	Z Min.				
TN20-2F*	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	1-2	.18	.76	.65	.24	—	M8ND with N14HET-25V1 Die Set	3/16"	
TN20-6F*		4-6	.28	.80	.70	.28	—			
TN18-6F	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	4-6	.28	.79	.65	.24	YAES18N1F	Non-Ratchet: Y10D, Y10-22	7/32"	
TN18-8F		6-8	.31	.84	.67	.26	—			
TN18-10F		8-10	.37	.84	.68	.27	YAES18N3F			
TN18-14F		1/4	.47	1.03	.79	.38	—			
TN14-6F	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	4-6	.28	.79	.65	.24	YAES14N6F			7/32"
TN14-8F		6-8	.31	.84	.67	.26	YAES14N53F			
TN14-10F		8-10	.37	.84	.68	.27	YAES14N8F			
TN14-14F		1/4	.47	1.03	.79	.38	YAES14N54F			
TN10-6F	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	.28	.96	.82	.24	YAES10N11F	Ratchet: MR8-83**, MR18	11/32"	
TN10-8F		6-8	.31	1.01	.84	.26	YAES10N56F			
TN10-10F		8-10	.41	1.09	.89	.31	YAES10N12F			
TN10-14F		1/4	.50	1.21	.96	.38	YAES10N57F			

* These sizes not UL Listed.
** Or other tool conforming to military specification AS25036 or AS90413

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-N-F BOX AND YAE-N-F

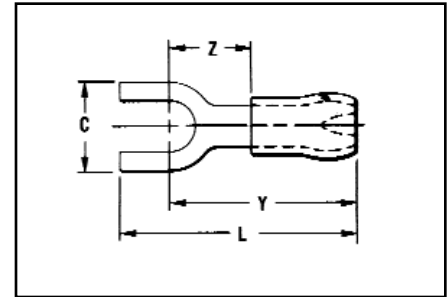
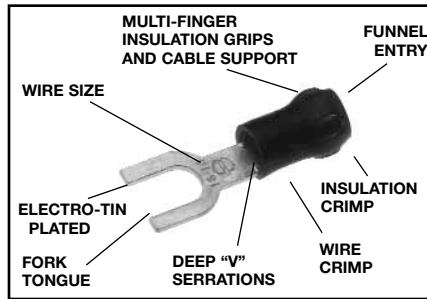
INSULUG™

Terminal — Nylon Insulated, Fork Tongue

Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ type YAE-N-F nylon insulated terminals are designed with a Multi-Finger Insulation grip, are rated 105° C and are supplied with a fork tongue for easy terminal insertion and removal.



Features and Benefits

- Fork tongue.
 - ◇ Permits rapid easy installation of the terminal under the screw head without complete removal of the screw.



Catalog Number	Wire Range	Stud Size	Dimensions			Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length	
			C	L Max.	Y Max.						Z Min.
YAE22N65F BOX	24 - 20 Max. Insul. Dia.: .098" Sleeve Color: Amber	1 - 2	.18	.73	.65	.24	YAE22N65F	Ratchet: M8ND N14HET25V1 Die	TFM with DFM11D1 Die	5/32"	
YAE22N66F BOX		4 - 6	.28	.80	.70	.28					YAE22N66F
YAE18N60F BOX	22 - 16 Max. Insul. Dia.: .125" Sleeve Color: Red	4	.21	.92	.73	.24	YAE18N60F	Non-Ratchet: Y10D or Y10-22 Ratchet: MR8-33T-1, M8ND With one of the following Dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	TFM with DFM10D1 Die	3/16"	
YAE18G43F BOX		4 - 6	.25	.78	.68	.19					YAE18G43F
—			.28	.83	.76	.23					YAE18N56F
YAE18N57F BOX		6 - 8	.31	.96	.78	.29					YAE18N57F
—	16 - 14 Max. Insul. Dia.: .156" Sleeve Color: Blue	4 - 6	.28	.87	.76	.26	YAE14N76F	TFM with DFM9D1 Die	3/16"		
YAE14N77F BOX		6 - 8	.31	.96	.78	.29				YAE14N77F	
YAE14N78F BOX		8 - 10	.36	1.01	.83	.34				YAE14N78F	

• Not UL recognized.

Blue highlighted items are industry standard and most frequently ordered.

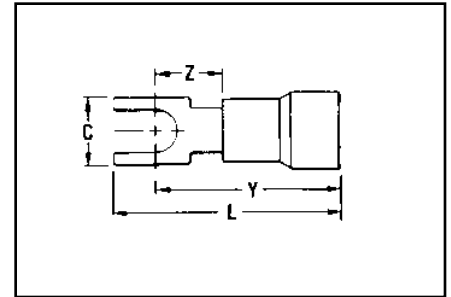
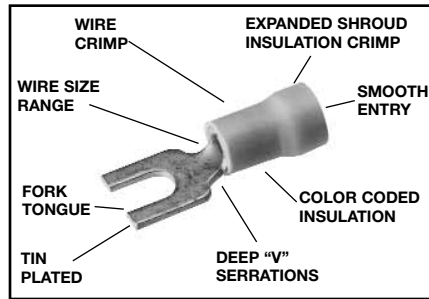
TYPES TP-F AND BA-EF

VINYLUTM

Terminal — Polyvinylchloride Insulated, Fork Tongue

600 Volts Max., 105° C Max.

The Type TP-F is a fork tongue variation of the TP design and makes installation easier.



Features and Benefits

- Fork tongue design.
 - ◇ Faster installation-screw needs only to be loosened for termination.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
TP16-2F	22-16	1-2	.17	.75	.66	.23	BA16EF2	Plier Type: Y10-22	BA16EF2M	TFM with DFM3D-1 Die	13/64"
TP16-6F	Max. Insul.	4-6	.28	.80	.66	.23	BA16EF6		BA16EF6M		
TP16-8F	Dia. Accom.: .145	6-8	.31	.86	.69	.26	BA16EF8		BA16EF8M		
TP16-10F	Color Code: Red	8-10	.41	.95	.75	.31	BA16EF10		BA16EF10M		
TP14-2F	16-14	1-2	.17	.75	.66	.23	BA14EF2	Ratchet Tool: MR8-89-1	—	TFM with DFM2D-1 Die	13/64"
TP14-6F	Max. Insul.	4-6	.28	.80	.66	.23	BA14EF6		—		
TP14-8F	Dia. Accom.: .180	6-8	.31	.86	.69	.26	BA14EF8		BA14EF8M		
TP14-10F	Color Code: Blue	8-10	.41	.95	.75	.31	BA14EF10		BA14EF10M		
TP10-6F	12-10	4-6	.28	.95	.81	.26	BA10EF6	MR15, M8ND with N10ET-23	*BA10EF6M	TFM with DFM1D5 Die	19/64"
TP10-8F	Max. Insul.	6-8	.31	.98	.81	.26	BA10EF8		*BA10EF8M		
TP10-10F	Dia. Accom.: .260	8-10	.41	1.07	.87	.31	BA10EF10		*BA10EF10M		

• UL Listed and CSA Certified with MR8-89-1 and MR15.
* 1000/Reel.

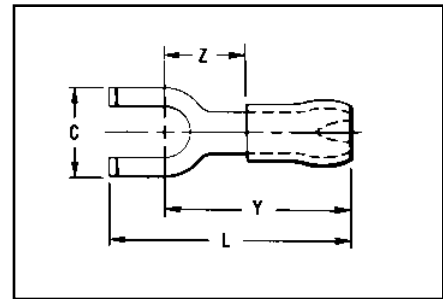
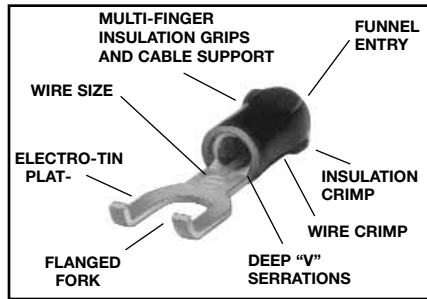
Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-Z BOX AND YAE-Z

INSULUG™

Terminal —
Nylon Insulated, Flanged Fork
Multi-Finger Insulation Grip
300 Volts Max., 105° C Max.

INSULUG™ type YAE-Z is identical to type YAE-N and employs a flanged fork tongue for faster installation while maintaining security if supporting screw becomes loose.



Features and Benefits

- Flanged fork.
 - ◇ Permits rapid, easy installation of the terminal under the screw head without complete removal of the screw. Additionally, it may not be removed with only a slight loosening of the screw.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling
			C	Z Max.	Y Max.	L Max.		
YAE2221 BOX	26-20 Max. Insul.	1-2	.18	.24	.65	.75	—	MR8-33T-1, M8ND with one of the following Dies:
YAE2222 BOX	Dia.: .098"	4-6	.28	.28	.70	.83	YAE2222	
YAE2223 BOX	Sleeve Color: Amber	6-8	.31	.30	.72	.92	YAE2223	
YAE1821 BOX	22-16 Max. Insul.	1-2	.18	.22	.73	.83	YAE1821	N14HET-15, N10ET-9, N10ET-23, N14HET-25V1, Y10D, Y10-22
YAE1822 BOX	Dia. Accom.: (125)	4-6	.28	.26	.76	1.00	YAE1822	
YAE1823 BOX	Color Code: Red	6-8	.31	.29	.78	1.00	YAE1823	
YAE1824 BOX		8-10	.36	.34	.83	1.08	YAE1824	
YAE1422 BOX	16-14 Max. Insul.	4-6	.28	.26	.76	.90	YAE1422	MR833T-1, M8ND with N12HET-1, Y10D, Y10-22
YAE1423 BOX	Dia. Accom.: (156)	6-8	.31	.29	.78	1.00	YAE1423	
YAE1424 BOX	Color Code: Blue	8-10	.36	.34	.83	1.08	YAE1424	
YAE1222 BOX	14-12 Max. Insul.	4-6	.28	.27	.90	1.04	YAE1222	
YAE1223 BOX	Dia. Accom.: (180)	6-8	.31	.32	.96	1.16	YAE1223	
YAE1224 BOX	Color Code: Green	8-10	.36	.35	1.00	1.23	YAE1224	

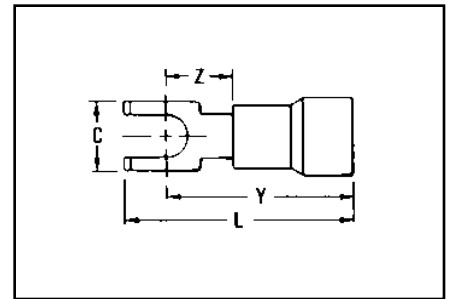
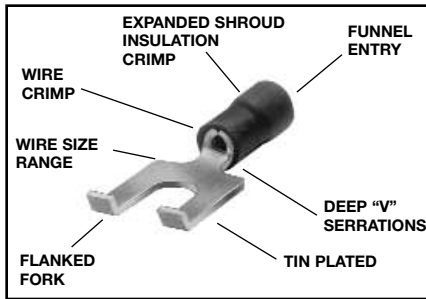
Blue highlighted items are industry standard and most frequently ordered.

TYPES TP-Z AND BA-EZ

VINYLUG™

Terminal — Polyvinylchloride Insulated, Flanged Fork Tongue
600 Volts Max., 105° C Max.

VINYLUG™ Type TP-Z is a variation of the Type TP and employs a flanged fork tongue for fast installation and security.



Features and Benefits

- Flange fork tongue design.
 - ◊ Allows fast installation—screw only has to be loosened for termination.
- The flanges on the end of the fork terminal aid in preventing a slightly loose terminal from becoming fully disconnected from the screw.
 - ◊ Flanges make re-securing a loose terminal easier.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling
			C	L Max.	Y Max.	Z Min.		
TP16-2Z	22-16	1-2	.17	.78	.66	.23	BA16EZ2	Plier Type: Y10-22
TP16-6Z	Max. Insul.	4-6	.28	.83	.66	.23	BA16EZ6	
TP16-8Z	Dia. Accom.: .145	6-8	.31	.88	.69	.26	BA16EZ8	
TP16-10Z	Color Code: Red	8-10	.41	.96	.75	.31	BA16EZ10	
TP14-2Z	16-14	1-2	.17	.78	.66	.23	BA14EZ2	Ratchet Tool: MR8-89-1
TP14-6Z	Max. Insul.	4-6	.28	.83	.66	.23	BA14EZ6	
TP14-8Z	Dia. Accom.: .180	6-8	.31	.88	.69	.26	BA14EZ8	
TP14-10Z	Color Code: Blue	8-10	.41	.96	.75	.31	BA14EZ10	
TP10-6Z	12-10 Max. Insul.	4-6	.28	.99	.81	.26	BA10EZ6	MR15, M8ND with N10ET-23
TP10-8Z	Dia. Accom.: .260	6-8	.31	1.01	.81	.26	BA10EZ8	
TP10-10Z	Color Code: Yellow	8-10	.41	1.09	.81	.31	BA10EZ10	

Blue highlighted items are industry standard and most frequently ordered.

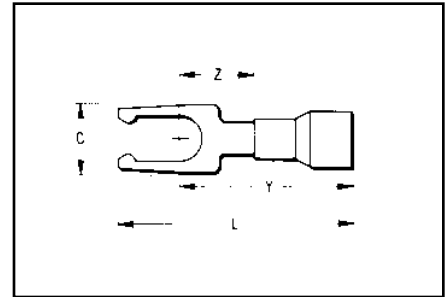
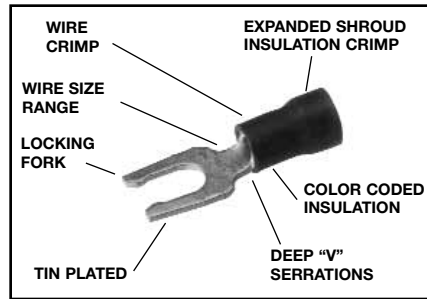
TYPES TP-LF AND BA-EL

VINYLUTM

Terminal —
Polyvinylchloride Insulated,
Locking Fork Tongue

600 Volts Max., 105° C Max.

Type TP-LF is a variation of the Type TP design and employs a locking fork tongue for fast installation and security.



Features and Benefits

- Locking fork tongue design.
 - ◇ Allows fast installation—screw only has to be loosened for termination.
- Internal configuration of the fork.
 - ◇ Prevents the terminal from coming off the screw without applying a pulling force.
- Locking fork is made from a copper alloy.
 - ◇ Permits many installations while maintaining proper spring retention of forks.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
TP16-6LF	22-16 Max. Insul. Dia. Accom.: .145 Color Code: Red	4-6	.28	.80	.66	.23	BA16EL6	Plier Type: Y10-22	BA16EL6M	TFM with DFM3D-1 Die	13/64"
TP16-8LF		6-8	.31	.86	.69	.26	BA16EL8		BA16EL8M		
TP16-10LF		8-10	.41	.95	.75	.31	BA16EL10		BA16EL10M		
TP14-6LF	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	4-6	.28	.80	.66	.23	BA14EL6	Ratchet Tool: MR8-89-1, MR15	BA14EL6M	TFM with DFM2D-1 Die	13/64"
TP14-8LF		6-8	.31	.86	.69	.26	BA14EL8		BA14EL8M		
TP14-10LF		8-10	.41	.95	.75	.31	BA14EL10		BA14EL10M		
TP10-6LF	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4-6	.28	.95	.81	.26	BA10EL6	Ratchet Tool: MR8-89-1, M8ND with N10ET-23	* BA10EL6M	TFM with DFM1D5 Die	19/64"
TP10-8LF		6-8	.31	.98	.81	.26	BA10EL8		* BA10EL8M		
TP10-10LF		8-10	.41	1.07	.87	.31	BA10EL10		* BA10EL10M		

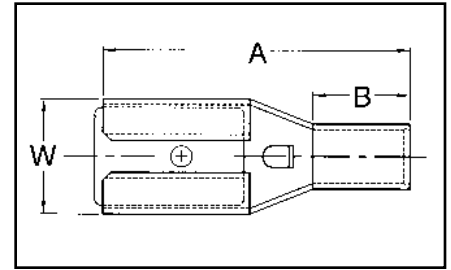
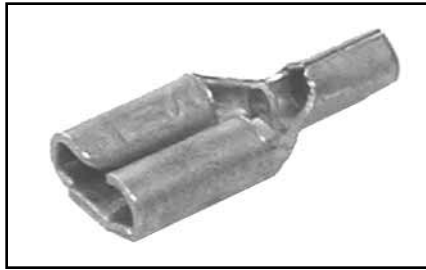
• UL Listed and CSA Certified with MR8-89-1 and MR15.
* 1000/Reel.

Blue highlighted items are industry standard and most frequently ordered.

TYPE Q-F FINGRIP™

NON-INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass



Features and Benefits

- Butted seam.
- Chamfered barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
 - ◇ Ensures firm grip.

FEMALE BARE DISCONNECT TERMINAL

(Mates with Type Q-M male disconnects)

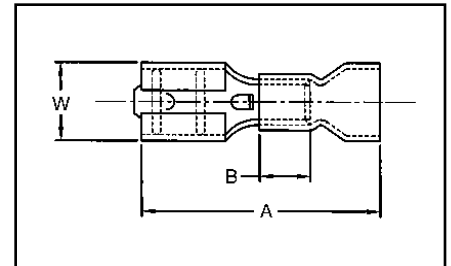
Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Qty.	Installation Tool*
				A	B	W			
Q18F18X02D	100	18-22	.187 × .020	0.58	0.17	0.23	Q18F18X02B	1000	MR20, Y10D
Q18F25X03D			.250 × .032	0.62	0.17	0.29	Q18F25X03B		
Q14F11X02D	100	14-16	.110 × .020	0.55	0.17	0.14	Q14F11X02B		
Q14F18X02D			.187 × .020	0.58	0.17	0.20	Q14F18X02B		
Q14F25X03D			.250 × .032	0.62	0.17	0.29	Q14F25X03B		

* For UL Listed applications consult BURNDY® factory.

TYPE QP-F FINGRIP™

VINYL INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass
600 Volts Max., 105° C Max.



Features and Benefits

- Butted seam.
- Insulated connectors.
 - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
 - ◇ Ensures firm grip.

FEMALE VINYL DISCONNECT TERMINAL

(Mates with Type QP-M male disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QP18F110X02D	100	18-22	.110 × .020	0.77	0.24	0.11	—	1000	Y10D
QP18F18X02D			.187 × .020	0.86	0.20	0.22	QP18F18X02B		
QP18F25X03D			.250 × .032	0.91	0.20	0.29	QP18F25X03B		
QP14F110X02D	100	14-16	.110 × .020	0.77	0.24	0.11	—		
QP14F18X02D			.187 × .020	0.87	0.20	0.23	QP14F18X02B		
QP14F25X03D			.250 × .032	0.92	0.20	0.29	QP14F25X03B		
QP10F25X03D			10-12	.250 × .032	0.97	0.23	0.29	QP10F25X03B	

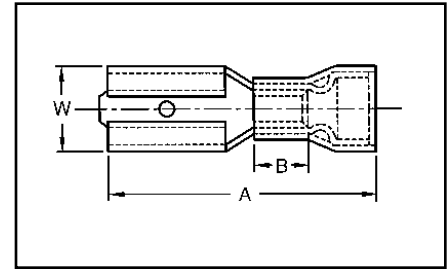
* For UL Listed applications consult BURNDY® factory.

Blue highlighted items are industry standard and most frequently ordered.

**TYPE QN-F
FINGRIP™**

**NYLON INSULATED FEMALE
QUICK DISCONNECTS**

Material: Tin-Plated Brass
300 Volts Max., 105°C Max.



Features and Benefits

- Sleeved barrel.
- Insulated connectors.
 - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
 - ◇ Ensures firm grip.



FEMALE NYLON DISCONNECT TERMINAL

(Mates with Type QN-M male disconnects)

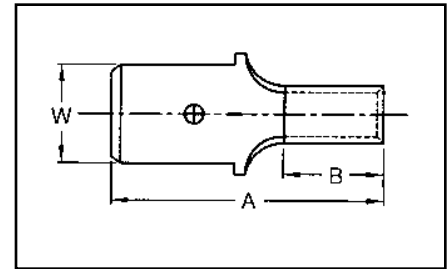
Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QN18F18X02D	100	18-22	.187 × .020	0.86	0.23	0.22	QN18F18X02B	1000	Y10D
QN18F25X03D			.250 × .032	0.91	0.23	0.29	QN18F25X03B		
QN14F18X02D	100	14-16	.187 × .020	0.87	0.23	0.23	QN14F18X02B		
QN14F25X03D			.250 × .032	0.92	0.23	0.29	QN14F25X03B		
QN10F25X03D		12-10	.250 × .032	0.97	0.23	0.25	QN10F25X03B		

* For UL Listed applications consult BURNDY® factory.

TYPE Q-M FINGRIP™

**NON-INSULATED MALE
QUICK DISCONNECTS**

Material: Tin-Plated Brass



Features and Benefits

- Butted seam.
- Chamfered barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
 - ◇ Ensures firm grip.



MALE BARE DISCONNECT TERMINAL

(Mates with Type Q-F female disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
Q18M18X02D	100	18-22	.187 × .020	0.55	0.17	0.19	Q18M18X02B	1000	MR20, Y10D
Q18M25X03D			.250 × .032	0.67	0.17	0.25	Q18M25X03B		
Q14M18X02D	100	14-16	.187 × .020	0.55	0.17	0.19	Q14M18X02B		
Q14M25X03D			.250 × .032	0.67	0.17	0.25	Q14M25X03B		

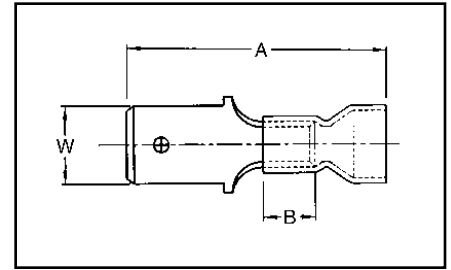
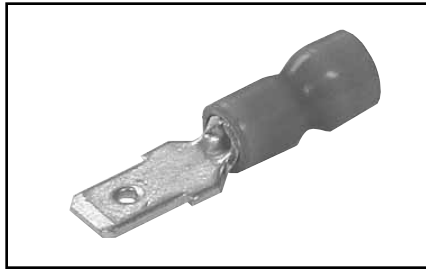
* For UL Listed applications consult BURNDY® factory.

Blue highlighted items are industry standard and most frequently ordered.

**TYPE QP-M
FINGRIP™**

**VINYL INSULATED MALE
QUICK DISCONNECTS**

Material: Tin-Plated Brass
600 Volts Max., 105° C Max.



Features and Benefits

- Butted seam.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
 - ◇ Ensures firm grip.



MALE VINYL DISCONNECT TERMINAL

(Mates with Type QP-F female disconnects)

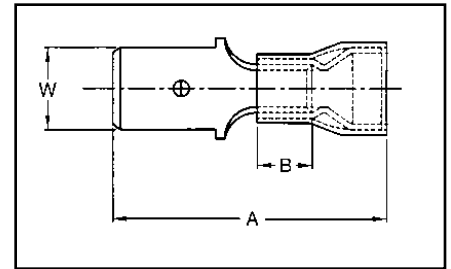
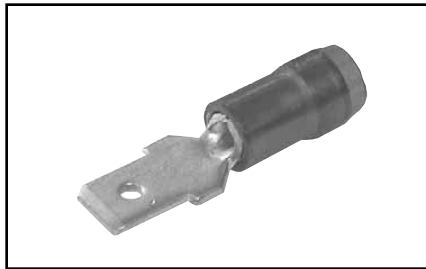
Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QP18M18X02D	100	18-22	.187 × .020	0.83	0.17	0.19	QP18M18X02B	1000	Y10D
QP18M25X03D			.250 × .032	0.95	0.17	0.25	QP18M25X03B		
QP14M18X02D	100	14-16	.187 × .020	0.83	0.17	0.19	QP14M18X02B	1000	
QP14M25X03D			.250 × .032	0.95	0.17	0.25	QP14M25X03B		

* For UL Listed applications consult BURNDY® factory.

**TYPE QN-M
FINGRIP™**

**NYLON INSULATED MALE
QUICK DISCONNECTS**

Material: Tin-Plated Brass
300 Volts Max., 105° C Max.



Features and Benefits

- Sleeved barrel.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
 - ◇ Ensures firm grip.



MALE NYLON DISCONNECT TERMINAL

(Mates with Type QN-F female disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QN18M18X02D	100	18-22	.187 × .020	0.82	0.17	0.19	QN18M18X02B	1000	Y10D
QN18M25X03D			.250 × .032	0.91	0.17	0.25	—		
QN14M18X02D	100	14-16	.187 × .020	0.84	0.17	0.19	QN14M18X02B	1000	
QN14M25X03D			.250 × .032	0.91	0.17	0.25	QN14M25X03B		

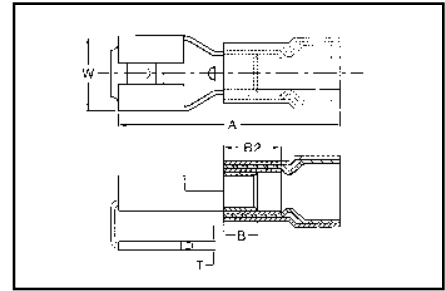
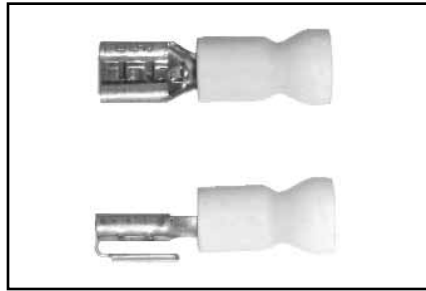
* For UL Listed applications consult BURNDY® factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPES PGP, AND PGN FINGRIP™

MALE/FEMALE COMBINATION QUICK DISCONNECTS

Material: Tin-Plated Brass



Features and Benefits

- Sleeved barrel.
- Combination connector.
 - ◇ Allows for more than one connection to a circuit.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
 - ◇ Ensures firm grip.



VINYL COMBINATION DISCONNECT TERMINAL

600 Volts Max. 105° C Max.

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
PGP1825X03D	100	18-22	.250 × .032	0.91	0.17	0.30	PGP1825X03B	1000	Y10D
PGP1425X03D	100	14-16	.250 × .032	0.91	0.17	0.30	PGP1425X03B	1000	

NYLON COMBINATION DISCONNECT TERMINAL

300 Volts Max. 105° C Max.

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
PGN1825X03D	100	18-22	.250 × .032	0.90	0.17	0.30	PGN1825X03B	1000	Y10D
PGN1425X03D	100	14-16	.250 × .032	0.90	0.17	0.30	PGN1425X03B	1000	

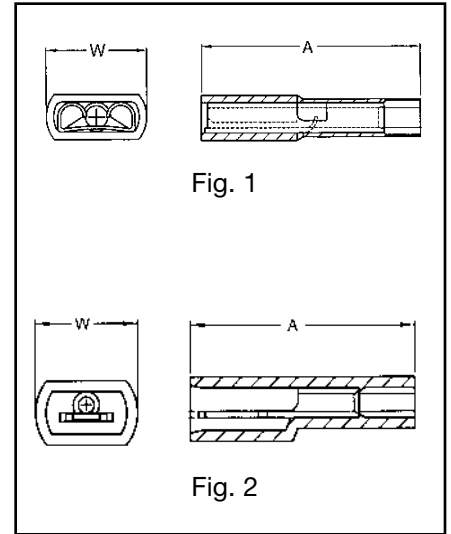
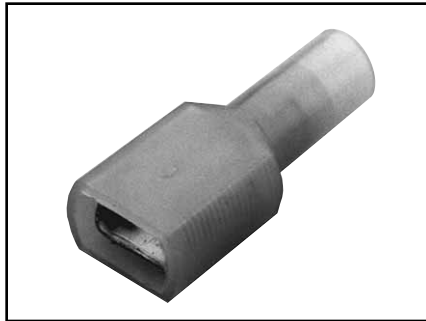
* For UL Listed applications consult BURNDY® factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPES FQN-F AND FQN-M FINGRIP™

NYLON FULLY INSULATED FEMALE AND MALE QUICK DISCONNECTS

Material: Tin-Plated Brass
300 Volts Max., 105° C Max.



Features and Benefits

- Fully insulated connectors.
 - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
 - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
 - ◇ Ensures firm grip.



FULLY INSULATED FEMALE NYLON DISCONNECT TERMINAL (Fig. 1)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions		Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	W			
FQN18F25X03D	50	18-22	.250 × .032	0.98	0.40	FQN18F25X03B	1000	Y10D
FQN14F25X03D	50	14-16	.250 × .032	0.96	0.40	FQN14F25X03B	1000	
FQN10F25X03D	25	10-12	.250 × .032	0.99	0.41	FQN10F25X03B	500	

FULLY INSULATED MALE NYLON DISCONNECT TERMINAL (Fig. 2)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions		Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	W			
FQN18M25X03D	50	18-22	.250 × .032	1.05	0.48	FQN18M25X03B	1000	Y10D
FQN14M25X03D	50	14-16	.250 × .032	1.03	0.48	FQN14M25X03B	1000	
FQN10M25X03D	25	10-12	.250 × .032	1.03	0.48	FQN10M25X03B	500	

* For UL Listed applications consult BURNDY® factory.

** For Mylar tape reels consult BURNDY® factory.

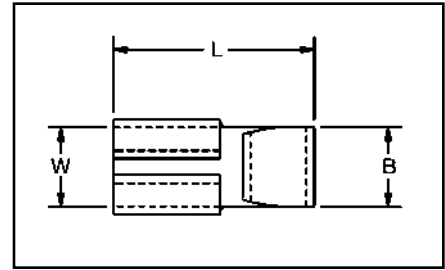
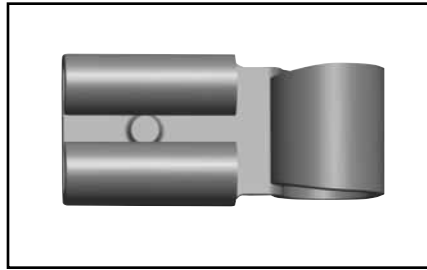
Blue highlighted items are industry standard and most frequently ordered.

B-48

TYPE FL FINGRIP™

FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass



Features and Benefits

- Dimpled female socket detent.
 - ◇ Ensures firm grip.

FEMALE BARE DISCONNECT TERMINAL

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				L	B	W			
FL1825X03D	100	18-22	.250 × .032	0.67	0.17	0.25	FL1825X03B	1000	Consult Factory
FL1425X03D	100	14-16	.250 × .032	0.67	0.17	0.25	FL1425X03B	1000	
FL1025X03D *	50	10-12	.250 × .032	0.67	0.17	0.25	—	—	

* Not UL Listed or CSA Approved.

Blue highlighted items are industry standard and most frequently ordered.

UNINSULATED SPLICES

BURNDY® manufactures several designs of uninsulated butt splices. Each type is designed to meet specific application requirements and provide a high quality, electrical splice connection that is easily installed. The following features and benefits apply to all BURNDY® uninsulated splices.

Features and Benefits

- Manufactured from seamless tubing.
 - ◇ A high quality design with no seams to split.
- Electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Electro-tin plated.
 - ◇ Provides durable long lasting resistance to corrosion.
- Positive center wire stops.
 - ◇ Provides proper depth of wire insertion.
- Marked with wire size.
 - ◇ Provides easy wire size identification.
- The HYLINK™ splice connectors have inspection holes.
 - ◇ Provides easy visual inspection for proper wire insertion.

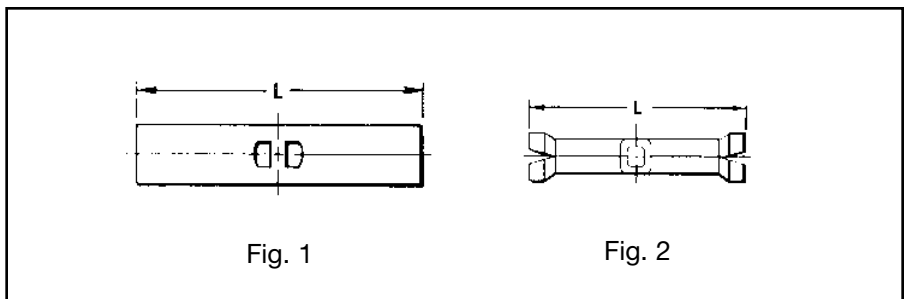
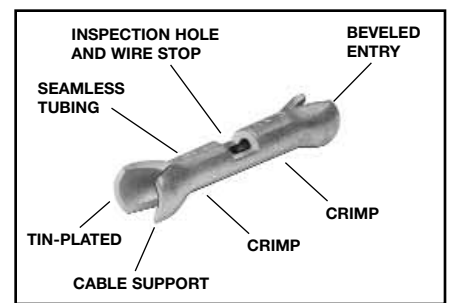
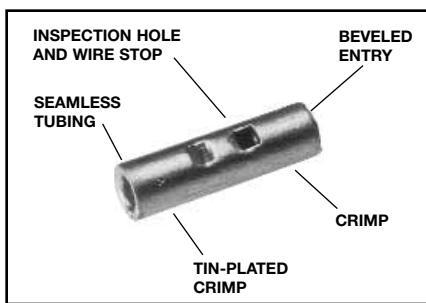
TYPES YSV, YSV-H AND YSV-L

HYLINK™

Uninsulated Butt Splice
600 Volts Maximum

HYLINK™ type YSV seamless splice connector is used to splice stranded and solid copper conductors in virtually all heavy duty industrial and general purpose applications.

The type YSV-H HYLINK™ seamless splice connector has the added benefit of an insulation support and cable strain relief.



Catalog Number	Wire Range Code AWG Str. and Sol. Aircraft-AN	Fig.	Dimensions		Bulk Catalog Number	Installation Tooling HYTOOL™	Wire Strip Length
			L	Max. Dia.			
YSV18 BOX	22-18	1	.62	—	YSV18	Non-Ratchet: Y10D, Y1022 Ratchet: MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4"
YSV18-H BOX	Str. & Sol.	2	.89	.120	YSV18-H		1/4"
YSV14 BOX	20-14 Str.	1	.64	—	YSV14		5/16"
YSV14-H BOX	20-12 Sol.	2	.94	.150	YSV14-H		5/16"
YSV10 BOX	12-10	1	.75	—	YSV10	Non-Ratchet: MY28, MY29-3, MY29-11 Ratchet: Y8MRB-1†, MR8-9Q*, Y1MRTC ▲	5/16"
YSV10-H BOX	Str. & Sol.	2	1.06	.192	YSV10-H		7/16"
YSV9C-L BOX	9 Str.	1	.75	—	YSV9C-L		5/16"
YSV8C-L BOX	8 Str.	1	1.00	—	YSV8C-L		7/16"

* Remove stop plate.
▲ Y1MRTC for 8 Str. only
† Use #10 groove
Note: Use MR8 series tools for (-H) series.

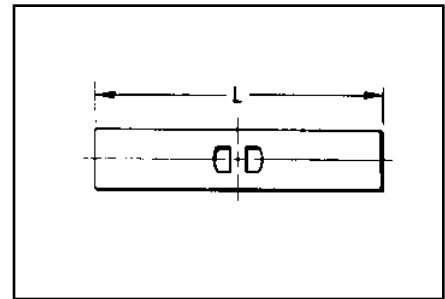
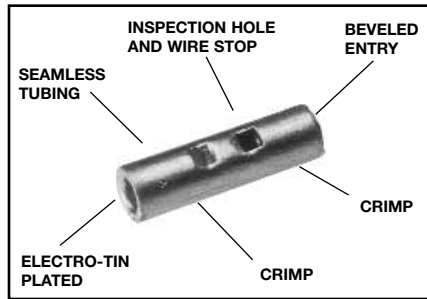
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSV-L

HYLINK™

Uninsulated Butt Splice
600 Volts Maximum
#8 Through 4/0 Copper

HYLINK™ type YSV-L seamless splice connector is used to splice Type AN aircraft cables plus commercial stranded and solid AWG conductors. Suitable for aircraft, light duty industrial and general purpose applications.



Catalog Number	Wire Range Aircraft-AN" Comm'I-AWG Str. & Sol.	Dimensions L	Bulk Catalog Number	Installation Tooling				Y34PA Wire Strip Length
				Ratchet	HYTOOL™ **	HYPRESS™• H35, Y35BH, Y39, Y39BH*		
						Nest	Indenter	
YSV8C-L BOX	8	1.00	YSV8C-L	MR89Q, Y8MRB-1, Y1MRTC	Type AH Aircraft Cable: MY28	UV8L-1	Y34PL	7/16"
YSV6C-L BOX	6	1.12	YSV6C-L	Y1MRTC, MR4C		UV6L	Y34PLA	1/2"
YSV4C-L BOX	4	1.12	YSV4C-L	Y1MRTC, MR4C		UV4L		5/8"
YSV2C-L BOX	2	1.41	YSV2C-L	Y1MRTC		UV2L		5/8"
YSV1C-L BOX	1	1.46	YSV1C-L	—	All Others:	UV1L	5/8"	
YSV25-L BOX	1/0	1.53	YSV25-L	—	MY29-3,	UV25L	Y34PA	11/16"
YSV26-L BOX	2/0	1.78	YSV26-L	—	MY29-11	UV26L		13/16"
YSV27-L BOX	3/0	1.81	YSV27-L	—	1 Crimp	UV27L		13/16"
YSV28-L BOX	4/0	1.94	YSV28-L	—		UV28L		7/8"

* Remove stop plate
 • Use Y35P3 Indenter Adaptor.
 ** Bench Mount Adaptor - Cat. No. BMY-BCH-MT is available for Type MY HYTOOLS™.

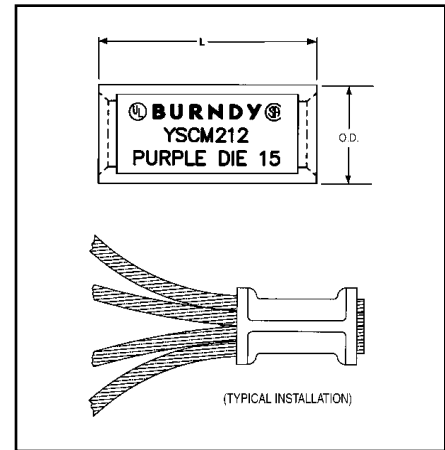
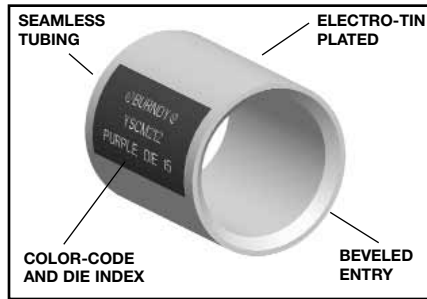
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSCM

HYLINK™

**Color-Coded
Uninsulated Parallel Splice**

Type YSCM HYLINK™ seamless parallel splice connectors permit stranded wires to be laid parallel inside the connector and spliced together with BURNDY® compression tools. Each YSCM connector accommodates a wide range of conductors and is color-coded to ensure proper tool and die match. YSCM connectors are UL486A Listed for applications up to 600V and CSA Listed.



Catalog Number	Conductor Range Cable ⑤		Dimensions Inches [mm]		Color Code	Die Index	Recommended Installation Tooling		Wire Strip Length ④
	Circular Mils		L ±.03	O.D. ±.01			OUR840, Y500CTHS, PAT60018V Series	Y35, Y750, PAT750 Series	
	Min.	Max.							
YSCM17	13,060	16,910	.50 [13]	.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16"
YSCM27	16,910	26,890	.50 [13]	.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16"
YSCM42	29,970	41,520	.50 [13]	.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16"
YSCM66	42,750	66,040	.62 [16]	.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4"
YSCM80	67,980	80,020	.62 [16]	.52 [13]	Green	11	X1CRT, W1CRT	U1CRT-1	3/4"
YSCM104	82,870	103,630	.69 [18]	.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16"
YSCM133	104,960	133,220	.81 [21]	.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16"
YSCM167	134,340	166,560	.81 [21]	.70 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16"
YSCM212	167,380	211,820	.88 [22]	.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16"
YSCM231	—	230,800	1.05 [27]	.81 [21]	Yellow	16	X29RT, W29RT	U29RT	1-1/16"

Size		ASTM Strandings	
Stranded		Class	Cable Diameter Inches
Circular Mils	AWG		
1,022	20	B	0.036
1,624	18	B	0.045
2,583	16	B	0.057
4,107	14	B	0.072
6,530	12	B	0.091
10,380	10	B	0.116
13,090	9	B	0.130
16,510	8	B	0.146
20,820	7	B	0.164
26,250	6	B	0.184
33,100	5	B	0.206
41,740	4	AA	0.254
41,740	4	B&A	0.232
52,630	3	AA	0.285

Size		ASTM Strandings	
Stranded		Class	Cable Diameter Inches
Circular Mils	AWG		
52,630	3	B&A	0.260
66,370	2	AA	0.320
66,370	2	B&A	0.292
83,690	1	AA	0.360
83,690	1	A	0.328
83,690	1	B	0.332
105,500	1/0	A&A	0.368
105,500	1/0	—	0.390
105,500	1/0	B	0.373
133,100	2/0	A&A	0.414
133,100	2/0	—	0.438
133,100	2/0	B	0.419
167,800	3/0	A&A	0.464
167,800	3/0	—	0.492
167,800	3/0	B	0.470
211,600	4/0	A&A	0.522
211,600	4/0	—	0.522
211,600	4/0	B	0.528

1. Material: Copper per ASTM B75.
2. Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.
3. Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.

④ Recommended strip length. Strip length dependant on size, no. of wires and insulation thickness.

⑤ Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.

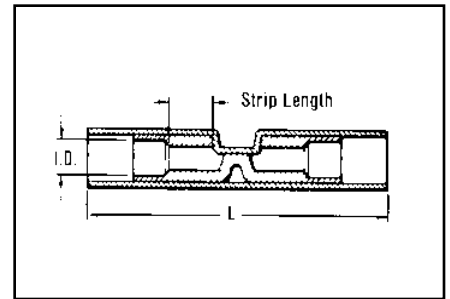
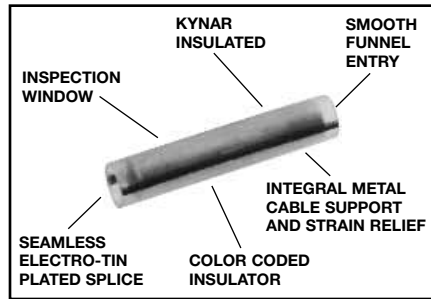
TYPE YSES-K

INSULINK™

Radiation Resistant
Insulated Butt Splice

Polyvinylidene Flouride (PVF₂)
Insulated

200 Megarads - 60° C
Through 150° C, 600 Volts



The type YSES-K radiation resistant KYNAR® insulated splices are suitable for class 1E applications plus non critical nuclear associated applications. The splice is manufactured from pure electrolytic copper seamless tubing which eliminates potential splitting of seams. A color code stripe is used for wire size identification and a window is provided for inspection of proper wire insertion.

Catalog Number	Wire Range	Color Stripe	Dimensions Max. Insul. Dia. Accom.	L Max.	Installation Tooling	Wire Strip Length
YSES18K	22-18	Red	.112	1.00	Ratchet Tool: MR10G8 Red Groove Calibration Gauge: PG-373-1 Crimp ID. Mark: (1) Small Dot	3/16"
YSES14K	16-14	Blue	.153	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG-371-1 Crimp ID. Mark: (2) Small Dot	3/16"
YSES10K	12-10	Yellow	.210	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG-372-1 Crimp ID. Mark: (1) Large Dot	7/16"

KYNAR® is the registered trademark for Pennwalt Corp. for Polyvinylidene Flouride (PVF₂)

Blue highlighted items are industry standard and most frequently ordered.

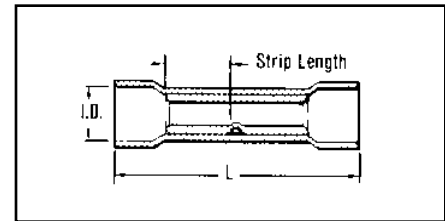
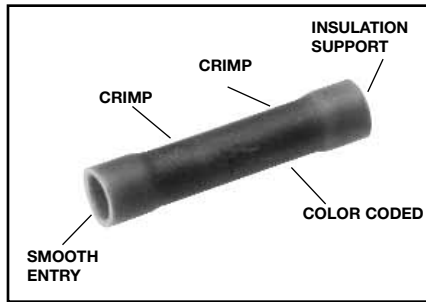
TYPES SP AND BS

VINYLINK™

Splice, Polyvinylchloride Insulated

600 Volts, 105° C

The type SP VINYLINK™ is a PVC insulated seamless butt splice. Type SP VINYLINK™ is designed to accommodate a broad range of 600 volt cables.



Features and Benefits

- Manufactured from seamless electrolytic copper tubing.
 - ◇ Provides maximum conductivity and tensile strength, in a high quality design with NO seams to split.
- Funnel entry.
 - ◇ Provides easy wire insertion.
- Electro-tin plated.
 - ◇ Provides durable long lasting resistance to corrosion.
- Expanded insulation support.
 - ◇ Lower inventory requirements.
- Red wire range of 22-16.
 - ◇ Lower inventory requirements.
- Vinyl insulator.
 - ◇ Economical means of providing high dielectric values and cable insulation support.

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Dimensions (Inches)		Installation Tooling	Wire Strip Length
				L Max. Insul.	Max. Dia.		
SP16	22-16	Red	BS16	1.00	.145	Non-Ratchet: Y10-22, Y10D Ratchet: MR8G-98, MR15, MR8-89-1	1/4"
SP14	16-14	Blue	BS14	1.00	.180		1/4"
SP10	12-10	Yellow	BS10	1.23	.260		21/64"

Blue highlighted items are industry standard and most frequently ordered.

INSULATED SPLICES

BURNDY® manufactures several designs of insulated butt splices. Each type is designed to meet specific application requirements and provide a high quality electrically pre-insulated splice that is easily installed. The following features and benefits apply to all BURNDY® pre-insulated butt splices.

Features and Benefits

- Manufactured from seamless tubing.
 - ◇ A high quality design with no seams to split.
- Pure electrolytic copper.
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Electro-tin plated.
 - ◇ Provides durable long-lasting resistance to corrosion.
- Positive center wire stops.
 - ◇ Provides for proper depth of wire insertion.
- Color-coded in red, blue and yellow.
 - ◇ Provides easy wire size identification.

TYPES SN AND YSE-HN

INSULINK™

Butt Splice, Nylon Insulated

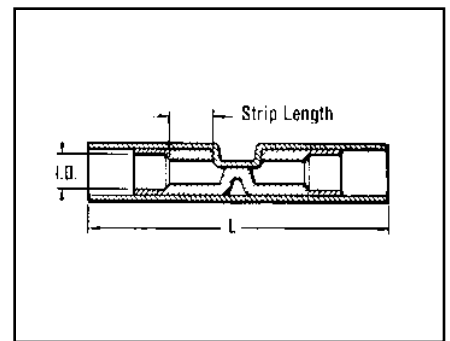
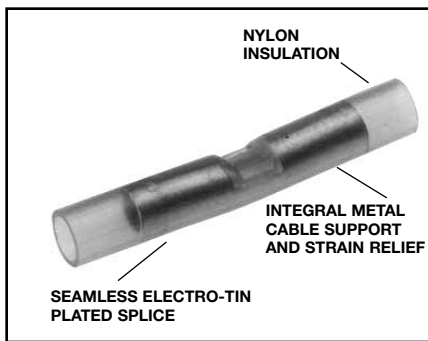
600 Volts Maximum,
105° C Maximum

The type SN INSULINK™ is a high quality nylon-insulated butt splice designed to meet heavy duty application requirements.

Meets the functional requirements of MIL-T-7928 (ASG) and conforms to the requirements of NAS1388.



600 Volts, 105° C
(1000 Volts, Max. Inside Sign or Fixture)



Features and Benefits

- Manufactured from one-piece tin-plated seamless copper tubing with an integral barrel/insulation grip.
 - ◇ Provides maximum tensile strength, plus excellent cable support and strain relief and eliminates failures due to vibration.
- Smooth funnel entry.
 - ◇ Provides easy wire insertion.
- Window position locator for full cycle ratchet tool crimp.
 - ◇ Provides proper tool/connector alignment for correct crimp.
- Nylon insulation offers high dielectric strength and stability in oily environmental conditions.
 - ◇ Maintains a high quality connection in demanding applications.
- The nylon is locked into position.
 - ◇ The connector will not move.

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Dimensions (Inches)		Installation Tooling	Wire Strip Length
				L Max. Insul.	Max. Dia.		
SN18	22-18	Red	YSE18HN	1.25	.115	Plier: Y10D Ratchet: MR8-85, MR18	15/64"
SN14	16-14	Blue	YSE14HN	1.25	.150		7/32"
SN10	12-10	Yellow	YSE10HN	1.64	.220		3/8"

Blue highlighted items are industry standard and most frequently ordered.

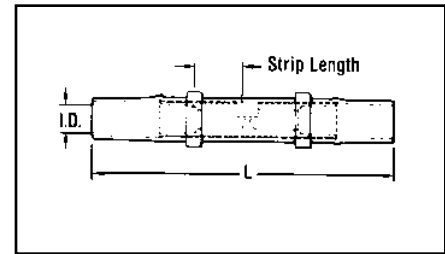
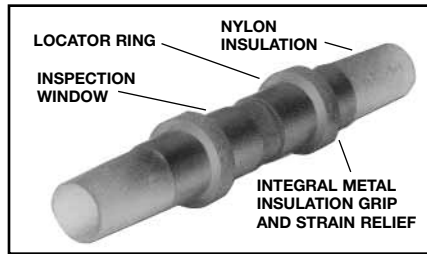
TYPES SNM AND YSES

INSULINK™

Butt Splice, Nylon Insulated

MS25181, Class 1 Splice
300 Volts, 105° C

The type SNM INSULINK™ is a high quality nylon insulated butt splice designed to meet military MS25181, class 1 requirements.



Features and Benefits

- Manufactured from tin plated, seamless copper tubing with an integral barrel/insulation grip.
 - ◇ Provides maximum tensile strength, plus excellent cable support and strain relief.
- Smooth funnel entry.
 - ◇ Provides easy wire insertion.
- Transparent nylon insulation.
 - ◇ Permits easy wire inspection.
- External ring locator.
 - ◇ Provides proper tool alignment for correct crimp.

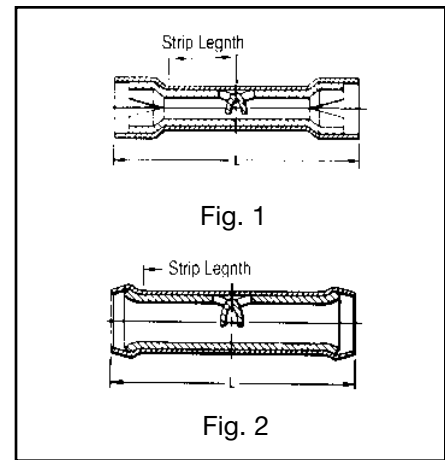
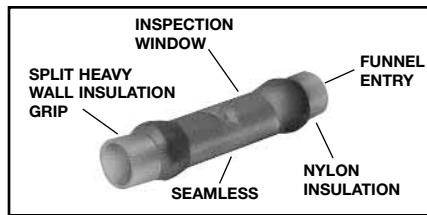
Catalog Number	Wire Range	Color Code	Bulk Catalog Number	MS25181 Dash No.	Dimensions		Installation Tooling	Wire Strip Length
					L Max.	Max. Dia. Insul.		
SNM18	22-18	Red	YSES18-1	-1	1.53	.120	Plier: Y10D Ratchet: MR8-83 or MR8-85 MS25037 TOOL	7/32"
SNM14	16-14	Blue	YSES14-2	-2	1.53	.150		7/32"

TYPES YSE BOX, YSE-H BOX, YSE, YSES AND YSE-H

INSULINK™

600 Volts, 105° C

The types YSE and YSE-H INSULINK™ are high quality nylon insulated butt splices designed for splicing aircraft and commercial flexible cables.



Features and Benefits

- Manufactured from tin plated, seamless electrolytic copper tubing with integral barrel/insulation grip.
 - ◇ Provides maximum conductivity and tensile strength, plus excellent cable support and strain relief.
- Split heavy wall insulation grip.
 - ◇ Provides stronger insulation grip and strain relief.
- Smooth funnel entry.
 - ◇ Provides easy wire insertion.
- Transparent nylon insulation.
 - ◇ Permits easy wire inspection.



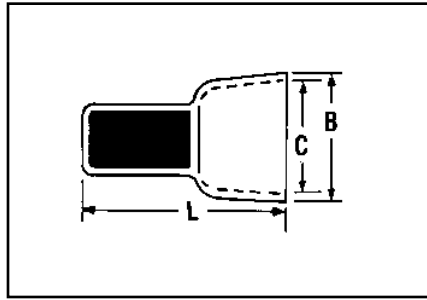
600 Volts 105°C

Wire Range Catalog Number	Fig.	Wire Code AWG Aircraft AN	Color Code	Bulk Catalog Number	Dimensions		Installation Tooling	Wire Strip Length
					L Max. Insul.	Max. Dia.		
YSE18H-BOX	1	22-18	Red	YSE18H	1.220	.115	Y10D	9/32"
YSE14H-BOX	1	16-14	Blue	YSE14H	1.36	.150	Ratchet:	11/32"
YSE10-BOX	2	12-10	Yellow	YSE10	1.15	.209	MR8-33S-1	23/64"

Blue highlighted items are industry standard and most frequently ordered.

BURCAP TYPES YQE, RK

PIGTAIL SPLICE, NYLON-INSULATED



Rated at 600 volts for building wire and 1000 volts for fixtures and signs, the BURCAP is designed to splice a wide range of different cable sizes.

Catalog Number	Wire Combinations	Total Area Circular Mils	Dimensions in Inches			Installation Tools	Wire Strip Length
			L	B	C	Die Set	
						M8ND, Y8ND	
YQE-91†	1 #16 & 1 #18	4,205	.76	.30	.24	N150WT	5/16"
	2 #18	3,250					
*RK141-2	RK141ABOX100	500 5,180	.607 (16, 4)	.311 (7, 9)	.269 (8, 6)	N150WT	5/16"
	RK142ABOX100						
*RK142-2	6 1 1 1 2 1 1	2,400 13,100	.722 (18, 3)	.440 (11, 2)	.384 (9, 8)	N150WT	5/16"
	5 1 1 1 3 1 1						
	4 2 1 1 1 1 1						
	4 1 2 1 1 1 1						
	3 2 3 1 1 1 1						
	3 2 1 1 1 1 1						
	3 1 1 1 1 1 1						
	2 3 1 1 1 1 1						
	2 2 2 1 1 1 1						
	2 1 1 3 1 1 1						
	1 4 2 2 2 1 1						
	1 2 1 1 1 1 1						
	1 1 1 1 1 1 1						
	4 2 1 1 1 1 1						
	3 1 3 1 1 1 1						
	2 2 4 1 1 1 1						
	2 1 1 2 1 1 1						
	1 2 2 2 2 1 1						
	1 1 3 2 1 1 1						
	3 2 1 1 1 1 1						
	2 1 3 1 1 1 1						
	3 1 1 1 1 1 1						
	5 1 1 1 1 1 1						

NOTE: * Convenience Package. For Box quantity, order RK141ABOX100 and RK142ABOX100 respectively.
† This item is UL Listed

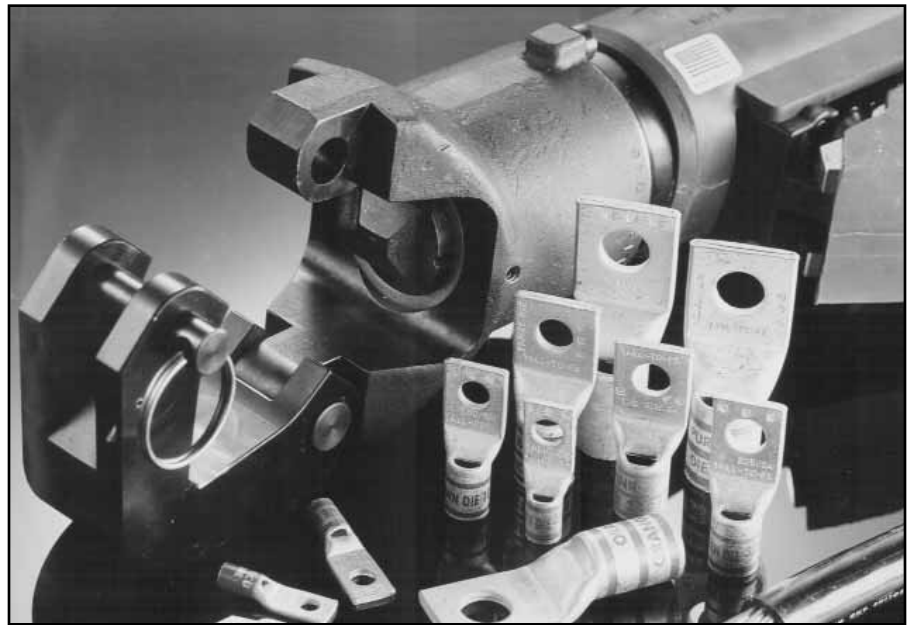
Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

MEDIUM AND LARGE HYDENT™

Copper and aluminum compression terminals and splices for terminating conductors from #8 AWG through 2000 kcmil.

The medium and large HYDENT™ line is designed for terminating and splicing medium and large conductors in electrical power applications.



C-1

HYLUG™

UNINSULATED COPPER COMPRESSION TERMINALS

UL Listed 90° C,
600 Volts to 35 kV ◆

BURNDY's HYLUG™ terminals, types YA, YA-TC, YA-L, YA-L-TC, YA-2N, YA-2TC, YA-L-TC-FX, YA-L-2TC, and YA-2LN are designed for terminating copper conductors in a wide variety of electrical connections, including heavy-duty industrial, utility, commercial, and telecommunications applications.

The HYLUG™ terminals require simple cable preparation for an easily installed permanent and inspectable cable termination. The terminals are listed by UL (UL STD. 486A) and CSA certified to 600 volts, when applied with the proper tool and die combination. The terminals may be used in applications to 35KV. See each catalog page for UL 35kV listings.

Features and Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness.
 - ◇ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Barrel diameter closely matches commercial (code) cable and Navy cable diameters.
 - ◇ Provides an excellent relationship of the conductor/connector combination to produce a high quality electrical connection with the recommended tooling.
- Electro-tin plated. Electro-lead plated. Burndy's proprietary brite finish.
 - ◇ Provides durable long-lasting corrosion resistance.
- Internally beveled barrel end.
 - ◇ Provides easy cable insertion.
- Each connector is clearly marked with the wire size and type, die index, and color coding.
 - ◇ Provides easy identification and proper tooling recommendation.
- Marked with the proper number and location of crimps.
 - ◇ Lowers installed costs. Provides for proper installations.
- Proper compression systems forms a homogeneous mass.
 - ◇ The result is an excellent electrical connection.
- Use up to 35 kV as indicated.
 - ◇ Suitable for high voltage applications.
- Expanded wire ranges when using Y644 HYPRESS™ Dieless 1 Crimp.
 - ◇ Provides ability to complete emergency repairs when connector and wire size do not match.
- Crimp areas clearly marked.
 - ◇ Provides correct number and location of crimps for proper installation.
- Hydraulic and Battery tooling crimp embossment.
 - ◇ Provides permanent die index number embossment on completed crimp for inspection purposes.

Blue highlighted items are industry standard and most frequently ordered.

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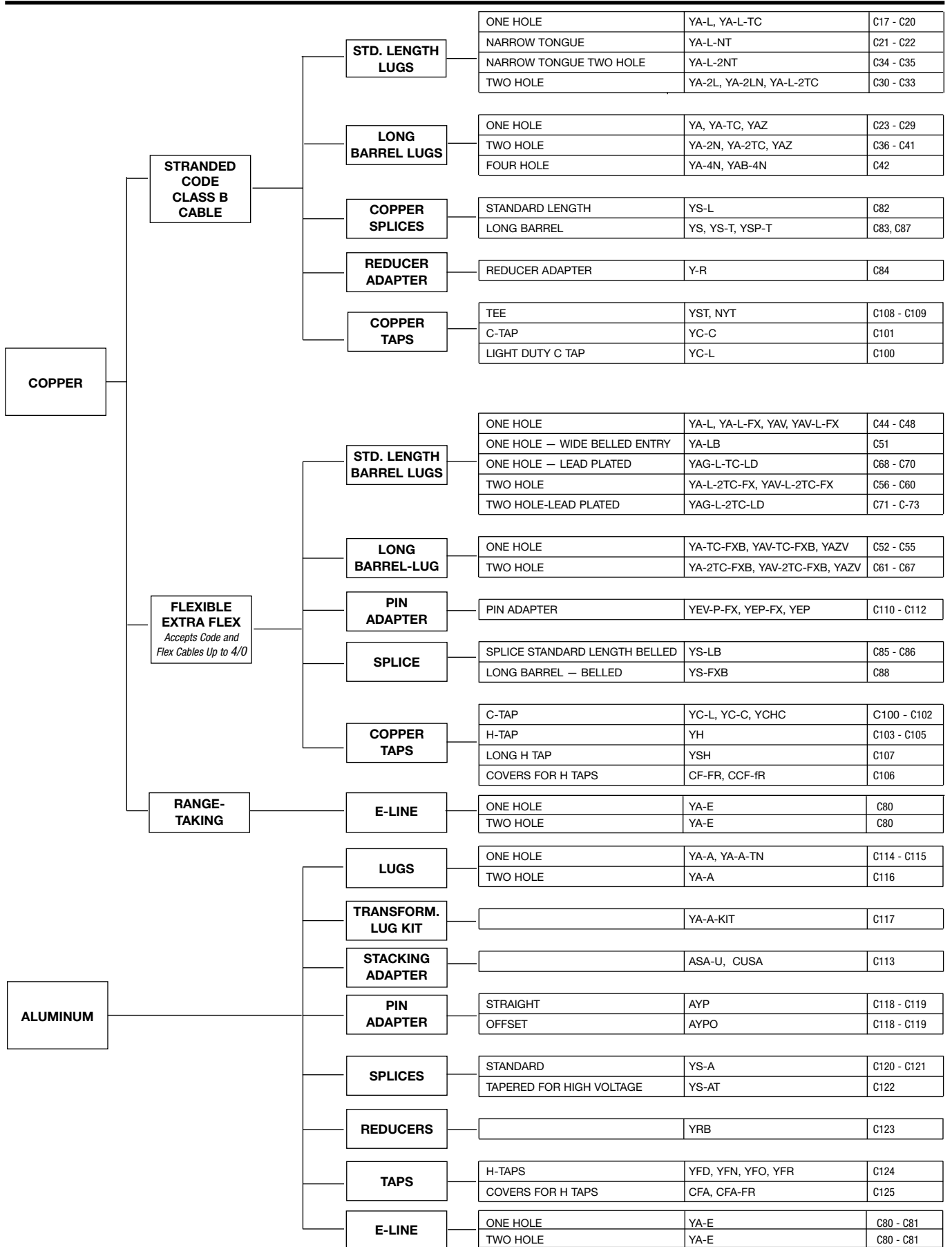
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COMPRESSION CONNECTORS

BURNDY's compression connectors are designed for reliable and controllable electrical connections. The complete installation is fully inspectable. They are high conductivity copper and operate cooler than the wire on which they are installed. The connectors withstand a wide range of electrical and environmental conditions, including current surges, temperatures, corrosion and vibrations, for a wide variety of applications. These features mean a consistently high quality connection at a low installed cost.

Copper compression connectors are manufactured from high-conductivity electrolytic copper. The connectors are normally tinned, lead-plated, or plated with proprietary BURNDY® brite finish to provide durable long-lasting corrosion resistance. The connector design has been matched to the cable size to provide the necessary physical strength requirements for reliable electrical performance.

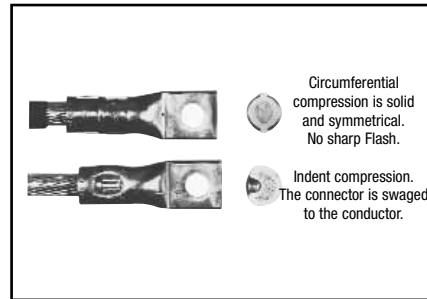
Aluminum compression connectors are manufactured from high conductivity, high purity wrought aluminum. They are designed with sufficient mass and are electro-tin plated to minimize corrosion due to galvanic action between dissimilar metals. The connector barrels are pre-filled with PENETROX®, BURNDY's oxide inhibiting compound.

PENETROX® contains homogeneously suspended metallic particles which penetrate the wire's oxides to establish excellent continuity between the individual strands and the connector barrel for a low-resistance connection. PENETROX® maintains an air-tight connection. Each barrel end is covered with a color-coded plastic dust cap which prevents foreign matter from entering the connector before it is used. The connector design has been engineered to match the cable size to provide the necessary physical strength requirements for reliable electrical performance.

SELECTION AND USE

Copper compression connectors are recommended for use on copper conductors. Aluminum compression connectors are recommended for use on aluminum conductors. Dual-rated aluminum compression connectors may be used on both copper and aluminum conductors.

Two basic compression designs are available: Circumferential and indent.



After compression, virtually all the air is removed leaving a tight homogeneous mass of connector and conductor.

The circumferential crimp design is recommended for color coded connectors in low and high voltage applications. Die index number embossment provides an easy inspection where required to verify the use of the proper connector/die combination. It is also recommended for insulated connectors and for terminating flexible and welding cables.

The circumferential crimp design dies compress cable strands into polygonal shapes forming intimate contact with each other and the connector barrel. This compression forms a tight homogeneous mass with virtually no air pockets. The circumferential crimp provides an excellent electrical connection with high pull-out values. The circumferential crimp is ideal for high voltage applications leaving the connector barrel symmetrical, which is easier to insulate.

The indent type crimp can be used in virtually any application except polyvinylchloride (PVC) insulated terminals and splices. It is an excellent means of terminating flexible, extra flexible and welding cables. The indenter compresses the cable strands to form intimate contact with each other and the connector barrel. The result is an excellent electrical connection with high pull-out strength. Laboratory work testing curves established the proper depth and shape of indent for each type of connector and wire combination.

TOOLING

Tooling systems are essential for proper installation of a compression connector. Since connectors and dies are designed as a unit for specific wire sizes, only the recommended tools and dies should be used. Most aluminum and copper HYLUG™ terminals and HYLINK™ splices are marked with a die index number and are color-coded to identify the correct installation die. Dies marked with the matching die index number and color can be used to install the connector.

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. The tools include small plier types, full cycle ratchet designs and hydraulically-powered HYPRESS™ heads and new Battery Actuated Tools. Some have permanent die grooves or adjustable dies, while others require a change of die sets or nest die for each connector size. BURNDY's recommended tools achieve crimp performance consistent with UL and other industry standards. Since several tools are suitable for most connectors, the most economical and practical tool can be chosen for each application.

INDUSTRY STANDARDS

BURNDY's compression terminals, splices and tap connectors requiring third party testing and approval are listed by Underwriters' Laboratories, Inc. Many have also received CSA approval and are approved under MIL-T-7928 and other military standards. All conform to applicable sections of the National Electrical Code.

BURNDY® also offers connectors and splices which meet the (LOCA Seismic and Aging) requirements of IEEE standards 323, 383 and 344 for class 1E critical circuits for use in Nuclear Utility Applications. Certification to 10CFR50 and 10CFR21 available.

Detail catalog listings should be consulted to obtain the appropriate standards for each connector and splice.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® Telecommunications Connectors...

The industry's first choice in compression connections...

BURNDY® provides a complete selection of one and two hole compression's terminals, H-taps, C-taps, and other compression connection products specifically engineered to meet the demanding applications of both the Central Office and Wireless communications markets.

All of BURNDY's compression products are designed for reliable and controllable electrical connections. All connectors are made from high conductivity electrolytic copper and operate at cooler temperatures than the conductor on which they are installed. The connectors are normally tin-plated, lead-plated, or plated with a proprietary BURNDY® brite finish to provide the industry standard in long-lasting corrosion resistance.

The complete installation is fully inspectable and UL Listed when installed with BURNDY® dies. Every die in the system is color-coded and provides die index embossment for complete inspectability.

The Circumferential Crimp...



Circumferential compression is solid and symmetrical. No sharp Flash.

BURNDY's circumferential crimp provides a solid, homogenous connection, with high pull out values and is rated for high voltage applications, more than sufficient for the 48 V DC operating voltage common in the telecom market. In addition the circumferential crimp doesn't require the removal of the copper flash produced by other die systems. This not only saves time in installation but removes a potential safety hazard from the job.

All of the dies in the system are color-coded to match the connectors and feature die index and die number matching to the connector for ease of installation.

BURNDY® Tooling... the right choice for the job

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. BURNDY's compression tooling system ranges from full cycle ratchet hand tools to 12 and 15 ton hydraulically-powered HYPRESS™ heads. Hydraulic tools are available in self-contained, battery powered, and AC service electrically powered pump and remote head designs to meet all possible installation situations.

Industry Standards

BURNDY's compression terminals, splices and tap connectors requiring third party testing and approval are listed by Underwriters Laboratories, Inc. Many have also received CSA approval, and all conform to the applicable sections of the National Electric Code.

Blue highlighted items are industry standard and most frequently ordered.

EXPANDED RANGES

The following connectors are range taking when crimped onto code conductor using Y644HS family of tools:



COPPER

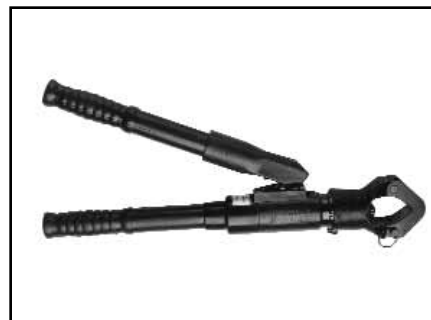
ALUMINUM

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YST, YS-T, YSP-T			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA6C-	YS6C-	#6 AWG	#6 AWG
YA5C-	YS5C-	#5 AWG	#5 - #6 AWG
YA4C-	YS4C-	#4 AWG	#4 - #6 AWG
YA3C-	YS3C-	#3 AWG	#3 - #6 AWG
YA2C-	YS2C-	#2 AWG	#2 - #6 AWG
YA1C-	YS1C-	#1 AWG	#1 - #6 AWG
YA25-	YS25-	1/0 AWG	1/0 - #6 AWG
YA26-	YS26-	2/0 AWG	2/0 - #4 AWG
YA27-	YS27-	3/0 AWG	3/0 - #2 AWG
YA28-	YS28-	4/0 AWG	4/0 - #1 AWG
YA29-	YS29-	250 kcmil	250 kcmil - 1/0 AWG
YA30-	YS30-	300 kcmil	300 kcmil - 2/0 AWG
YA31-	YS31-	350 kcmil	350 kcmil - 3/0 AWG
YA32-	YS32-	400 kcmil	400 kcmil - 4/0 AWG
YA34-	YS34-	500 kcmil	500 kcmil - 4/0 AWG
YA36-	YS36-	600 kcmil	600 - 250 kcmil
YA39-	YS39-	750 kcmil	750 - 500 kcmil
YA40-	YS40-	800 kcmil	800 - 500 kcmil
YA44-	YS44-	1000 kcmil	1000 - 750 kcmil

Aluminum HYLUG™ & HYLINK™ Connectors Types YA-A & YS-A			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA6CA-	YS6CA-	#6 AWG	#6 AWG
YA4CA-	YS4CA-	#4 AWG	#4 - #6 AWG
YA2CA-	YS2CA-	#2 AWG	#2 - #6 AWG
YA1CA-	YS1CA-	#1 AWG	#1 - #2 AWG
YA25A-	YS25A-	1/0 AWG	1/0 - #1 AWG
YA26A-	YS26A-	2/0 AWG	2/0 - #1 AWG
YA27A-	YS27A-	3/0 AWG	3/0 - #1 AWG
YA28A-	YS28A-	4/0 AWG	4/0 - #1 AWG
YA29A-	YS29A-	250 kcmil	250 kcmil - 1/0 AWG
YA30A-	YS30A-	300 kcmil	300 kcmil - 2/0 AWG
YA31A-	YS31A-	350 kcmil	350 kcmil - 3/0 AWG
YA32A-	YS32A-	400 kcmil	400 kcmil - 4/0 AWG
YA34A-	YS34A-	500 kcmil	500 kcmil - 4/0 AWG
YA36A-	YS36A-	600 kcmil	600 - 250 kcmil
YA39A-	YS39A-	750 kcmil	750 - 500 kcmil
YA40A-	YS40A-	800 kcmil	800 - 500 kcmil
YA44A-	YS44A-	1000 kcmil	1000 - 750 kcmil

* 1 Crimp
** 1 Crimp per side

* 1 Crimp
** 1 Crimp per side



Blue highlighted items are industry standard and most frequently ordered.

EXPANDED RANGES

The following connectors are range taking when crimped onto code & flex conductor using 4-POINT™ family of tools:



C-7

ALUMINUM CONNECTORS

Aluminum & Copper Conductor (Code & Compact)				
Conductor		Connector		
Wire Size	Expanded Range	Terminal	Splice	# Crimps
#8 AWG	#8 AWG	YA8CA-	YS8CA-	1
#6 AWG	#6 AWG	YA6CA-	YS6CA-	1
#4 AWG	#6 - #4 AWG	YA4CA-	YS4CA-	1
#2 AWG	#6 - #2 AWG	YA2CA-	YS2CA-	2
#1 AWG	#6 - #1 AWG	YA1CA-	YS1CA-	2
1/0 AWG	#6 - 1/0 AWG	YA25A-	YS25A-	2
2/0 AWG	#4 - 2/0 AWG	YA26A-	YS26A-	2
3/0 AWG	#2 - 3/0 AWG	YA27A-	YS27A-	2
4/0 AWG	#1 - 4/0 AWG	YA28A-	YS28A-	2
250 kcmil	1/0 - 250	YA29A-	YS29A-	2
300 kcmil	2/0 - 300	YA30A-	YS30A-	2
350 kcmil	3/0 - 350	YA31A-	YS31A-	3
400 kcmil	4/0 - 400	YA32A-	YS32A-	4
500 kcmil	4/0 - 500	YA34A-	YS34A-	4
600 kcmil	250 - 600	YA36A-	YS36A-	4
750 kcmil	500-750	YA39A-	YS39A-	4

AYP/AYPO CONNECTORS

(Aluminum and Copper — Code & Compact)				
Wire Size	Expanded Range	Pin		# Crimps
		Straight	Offset	
#6 AWG	#6 AWG	AYP6	—	1
#4 AWG	#4 AWG	AYP4	—	1
#2 AWG	#4 - #2 AWG	AYP2	—	1
#1 AWG	#2 - #1 AWG	AYP1	—	1
1/0 AWG	#2 - 1/0 AWG	AYP1/0	—	1
2/0 AWG	#1 - 2/0 AWG	AYP2/0	AYPO2/0	2
3/0 AWG	1/0 - 3/0 AWG	AYP3/0	AYPO3/0	2
4/0 AWG	2/0 - 4/0 AWG	AYP4/0	AYPO4/0	2
250 kcmil	3/0 - 250 kcmil	AYP250	AYPO250	2
300 kcmil	4/0 - 300 kcmil	AYP300	AYPO300	2
350 kcmil	250 - 350 kcmil	AYP350	AYPO350	2
400 kcmil	350 - 500 kcmil	AYP400	AYPO400	2
500 kcmil	350 - 500 kcmil	AYP500	AYPO500	2
600 kcmil	400 - 600 kcmil	AYP600	AYPO600	3
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	3

COPPER CONNECTORS

Copper Conductor (Code & Compact)							
Conductor		Standard Barrel			Long Barrel		
Wire Size	Expanded Range	Terminal	Splice	# of Crimps*	Terminal	Splice	# of Crimps*
#8 AWG	#8 AWG	YA8CL-	YS8CL-	1	YA8C-	YS8C-	1
#6 AWG	#6 AWG	YA6CL-	YS6CL-	1	YA6C-	YS6C-	1
#4 AWG	#6 - #4	YA4CL-	YS4CL-	1	YA4C-	YS4C-	1
#2 AWG	#6 - #2	YA2CL-	YS2CL-	1	YA2C-	YS2C-	2
#1 AWG	#6 - #1	YA1CL-	YS1CL-	1	YA1C-	YS1C-	2
1/0 AWG	#6 - 1/0	YA25L-	YS25L-	1	YA25-	YS25-	2
2/0 AWG	#4 - 2/0	YA26L-	YS26L-	1	YA26-	YS26-	2
3/0 AWG	#2 - 3/0	YA27L-	YS27L-	2	YA27-	YS27-	2
4/0 AWG	#1 - 4/0	YA28L-	YS28L-	2	YA28-	YS28-	2
250 kcmil	1/0 - 250	YA29L-	YS29L-	2	YA29-	YS29-	2
300 kcmil	2/0 - 300	YA30L-	YS30L-	2	YA30-	YS30-	3
350 kcmil	3/0 - 350	YA31L-	YS31L-	2	YA31-	YS31-	3
400 kcmil	4/0 - 400	YA32L-	YS32L-	2	YA32-	YS32-	3
500 kcmil	4/0 - 500	YA34L-	YS34L-	2	YA34-	YS34-	4
600 kcmil	250 - 600	YA36L-	YS36L-	2	YA36-	YS36-	4
700 kcmil	350-700	YA38L-	YS38L-	3	YA38-	YS38-	4
750 kcmil	500-750	YA39L-	YS39L-	3	YA39-	YS39-	4
800 kcmil	500-800	YA40L-	YS40L-	3	YA40-	YS40-	4
1000 kcmil	750-1000	YA44L-	YS44L-	3	YA44-	YS44-	4

*Same number of recommended crimps for both Standard and Expanded wire ranges

Blue highlighted items are industry standard and most frequently ordered.

EXPANDED RANGES

The following connectors are range taking when crimped onto code & flex conductor using 4-POINT™ family of tools:



COPPER CONNECTORS

Copper Conductor (Flex Only)								
Nominal Flex Wire Size	Standard Barrel				Long Barrel			
	Expanded Range	Terminal	Splice	# of Crimps	Expanded Range	Terminal	Splice	# of Crimps
#8 AWG	#8 AWG	YAV8CL-	YSV8CL-	1	#8 AWG	YAV8C-	YSV8C-	1
#6 AWG	#6 AWG	YAV6CL-	YSV6CL-	1	#6 AWG	YAV6C-	YSV6C-	1
#4 AWG	#6 - #4 AWG	YAV4CL-	YSV4CL-	1	#6 - #4 AWG	YAV4C-	YSV4C-	1
#2 AWG	#6 - #2 AWG	YAV2CL-	YSV2CL-	1	#6 - #2 AWG	YAV2C-	YSV2C-	1
#1 AWG	#4 - #1 AWG	YAV1CL-	YSV1CL-	1	#4 - #1 AWG	YAV1C-	YSV1C-	1
1/0 AWG	#4 - 1/0 AWG	YAV25L-	YSV25L-	1	#6 - 1/0 AWG	YAV25-	YSV25-	2
2/0 AWG	#2 - 2/0 AWG	YAV26L-	YSV26L-	1	#4 - 2/0 AWG	YAV26-	YSV26-	2
3/0 AWG	#1 - 3/0 AWG	YAV27L-	YSV27L-	1	#2 - 3/0 AWG	YAV27-	YSV27-	2
4/0 AWG	1/0 - 4/0 AWG	YAV28L-	YSV28L-	1	#1 - 4/0 AWG	YAV28-	YSV28-	2
250 kcmil	3/0 - 250	YAV29L-	YSV29L-	1	1/0 - 250	YAV29-	YS29-	2
300 kcmil	4/0 - 313.1	YA32L-	YS32L-	1	2/0 - 313.1	YA32-	YS32-	2
350 kcmil	250 - 373.7	YA34L-	YS34L-	1	3/0 - 373.7	YA34-	YS34-	2
450 kcmil	250 - 444.4	YA36L-	YS36L-	1	4/0 - 444.4	YA36-	YS36-	2
500 kcmil	373.7 - 535.3	YA38L-	YS38L-	1	4/0 - 535.3	YA38-	YS38-	2
600 kcmil	373.7 - 600	YA39L-	YS39L-	2	250 - 600	YA39-	YS39-	3
650 kcmil	444.4 - 646	YA40L-	YS40L-	2	373.3 - 646	YA40-	YS40-	3
750 kcmil	535.3 - 777.7	YA44L-	YS44L-	2	535.3 - 777.7	YA44-	YS44-	3

COPPER CONNECTORS

E-Line Connectors							
Wire Size	Expanded Wire Range	Aluminum			Copper		
		Offset Cat. No.	Centerformed Cat. No.	No. of Crimps	Offset Cat. No.	Centerformed Cat. No.	No. of Crimps
#8 AWG	#8 AWG	YA8CA-T-E		1			
#6 AWG	#6 AWG						
#4 AWG	#6 - #4						
#2 AWG	#6-#2	YA2CA-T-E	YAC2CA-T-E	1			
#1 AWG	#6-#1						
1/0 AWG	#6-1/0	YA25A-T-E		1	YA25L-T-E	YAC25L-T-E	1
2/0 AWG	#4 - 2/0	YA26A-T-E		2	YA26L-T-E	YAC26L-T-E	1
3/0 AWG	#2 - 3/0	YA27A-T-E	YAC27A-T-E	2			
4/0 AWG	#1 - 4/0	YA28A-T-E		2			
250 kcmil	1/0 - 250						
300 kcmil	2/0 - 300	YA30A-T-E		2	YA30L-T-E	YAC30L-T-E	2
350 kcmil	3/0 - 350	YA31A-T-E	YAC31A-T-E	2			
400 kcmil	4/0 - 400	YA32A-T-E		4			
500 kcmil	4/0 - 500	YA34A-T-E		4	YA34L-T-E		2
500 kcmil	4/0-500				YA342L-T-E		2
600 kcmil	250 - 600	YA36A-T-E		4	YA36L-T-E		2
600 kcmil	250-600				YA362L-T-E		2
700 kcmil	350-700						
750 kcmil	500-750	YA39A-T-E		4	YA39L-T-E		2
750 kcmil	500-750				YA392L-T-E		2
800 kcmil	500-800						
1000 kcmil	750-1000						

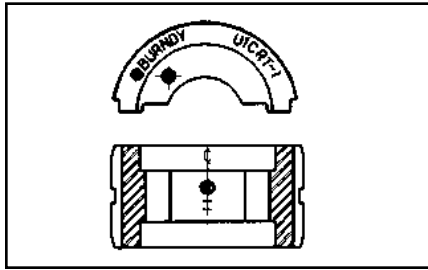
*Same number of recommended crimps for both Standard and Expanded wire ranges

Blue highlighted items are industry standard and most frequently ordered.

12-TON U DIES*

BURNDY® Die Sets

**Fits Y35, Y39, Y750 Series,
PAT750-18V Series,
PAT46-18V, Y46
(W/PUADP-1 Adapter)**



U die case Part# **PT29291**, holds up to 15 dies

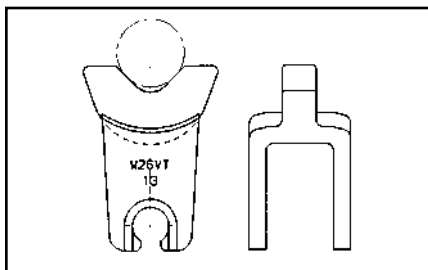
	Wire Size	Copper	Aluminum
Small	#8	U8CRT	U8CABT
	#6	U5CRT	U6CABT
	#4	U4CRT	U4CABT
	#3	U3CRT	N/A
	#2	U2CRT	U2CABT
	#1	U1CRT-1	U1CART
	1/0	U25RT	U25ART
	2/0	U26RT	U26ART
	3/0	U27RT	U27ART
	4/0	U28RT	U28ART
	250 kcmil	U29RT	U29ART
	300 kcmil	U30RT	U30ART
	350 kcmil	U31RT	U31ART
	400 kcmil	U32RT	U32ART
500 kcmil	U34RT	U34ART	
535 Flex kcmil	U38XRT	N/A	
600 kcmil	U36RT	U36ART	
750 kcmil	U39RT	U39ART-2	
Large	777 Flex	U44XRT	N/A

* Non-tension U-type 12-ton dies for YA, YS, YA-A, YS-A style connectors.
NOTE: N/A = not applicable.

W DIES

BURNDY® Die Sets

**Fits Tools MD6, MD7,
Y500CTHS, PAT600-18V,
PATMD6**



W die case Part# **CASEWDIES**, holds up to 24 dies

	Wire Size	Copper	Copper	Aluminum
Small	#8	W8CVT	W8CRT	X8CART
	#6	W5CVT	W5CRT	W161
	#4	W4CVT	W4CRT	W162
	#3	W3CRT	W3CRT	N/A
	#2	W2CVT	W2CRT	W239
	#1	W1CVT	W1CRT	W163
	1/0	W25VT	W25CRT	W241
	2/0	W26VT	W26CRT	W245
	3/0	W27VT	W27CRT	W166
	4/0	W28VT	W28CRT	W660
	250	*W29VT	W29CRT	N/A
	300	*W30VT	W30CRT	N/A
	350	*W31VT	W31CRT	*W31ART
	400	*W32VT	W32CRT	N/A
450	W33VT	W33CRT	N/A	
500	*W34VT	W34CRT	N/A	
Large	600	**W36RT	W36CRT	N/A

* These sizes (250-500) for Y5000CTHS, MD7-34(R), BAT500, BCT500HS only.

** For PAT600-18V only.

NOTE: N/A = not applicable.
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Blue highlighted items are industry standard and most frequently ordered.

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Conductor		Installation Tooling System											Taps H-Taps Run=Tap		
		Lugs & Splices One & Two Hole				T&B Index*	Taps Thin-Wall C-taps Run=Tap, AWG only			Taps Heavy Duty C-Taps Run=Tap					
		Die	Color	Index	Code (Flex)		Die	Color	Index	Die	Color	Index			
#8/#6 sol	#8	W8CVT U8CRT	RED	49	21	W4CVT	GRAY	8	U240	RED	240	U11T-1	GREEN	11	
#6	#6	W5CVT U5CRT	BLUE	7	24	W2CVT	BROWN	10	UC	BROWN	C	UBGRT	ORANGE	BG	
#4	#4	W4CVT U4CRT	GRAY	8	29	W25VT	PINK	12	UC	BROWN	C	UC	BROWN	C	
#3/#2 sol		W3CRT U3CRT	WHITE	9	29	W26VT	BLACK	13	UC	BROWN	C	UC	BROWN	C	
#2	#2	W2CVT U2CRT	BROWN	10	33	W27VT	ORANGE	14	UC	BROWN	C	UC	BROWN	C	
#1	#1	W1CVT U1CRT-1	GREEN	11	33 (37)	W28VT	PURPLE	15	U997	ORANGE	997	U654	PURPLE	654	
1/0	1/0	W25VT U25RT	PINK	12	37 (42)	W29VT	YELLOW	16	U997	ORANGE	997	U654	PURPLE	654	
2/0	2/0	W26VT U26RT	BLACK	13	42 (45)		REFER TO CATALOG		U997	ORANGE	997	U654	PURPLE	654	
3/0	3/0	W27VT U27RT	ORANGE	14	45 (50)				U997	ORANGE	997	U654	PURPLE	654	
4/0	4/0	W28VT U28RT	PURPLE	15	50 (54)	-	-	-	U997	ORANGE	997	U654	PURPLE	654	
250	4/0/250 class G & H	W29VT U29RT	YELLOW	16	62	-	-	-	U997	ORANGE	997	U654	PURPLE	654	
300	262/250 class I, K & M	W30VT U30RT	WHITE	17	62	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
350	313	W31VT U31RT	RED	18	66	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
	350/ 373	W32VT U32RT	BLUE	19	(76)	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
500	444	W34VT U34RT	BROWN	20	76 (87)	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
	500/ 535	U38XRT	PINK	L99	(99)	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
600		U36RT	GREEN	22	87	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
700		U38RT	PINK	400	99	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
750	646	U39RT	BLACK	24	(106)	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
	750/ 777	U44XRT	YELLOW	L115	(115)										
800		P40RT	ORANGE	25	106	-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR	
1000		P44RT	WHITE	27		-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR	

* Die set with a dash CK are not UL Listed. Please consult factory for further information.

Bolt Equivalent	
Unified Inch Hole Size	Metric Equivalent
1/4"	M6
5/16"	M8
3/8"	M10
1/2"	M12
5/8"	M16

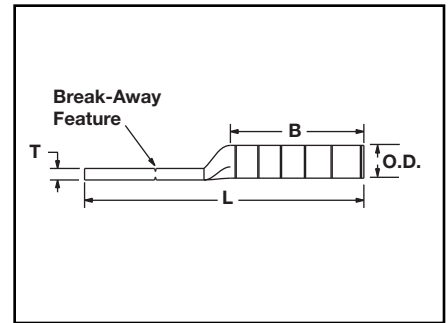
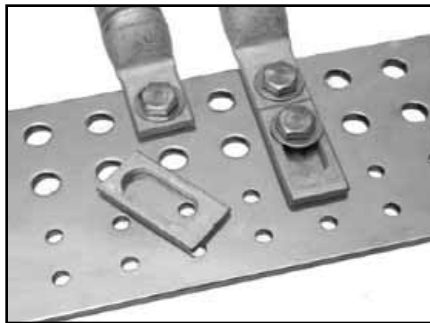
Blue highlighted items are industry standard and most frequently ordered.

TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™

Copper and Aluminum Compression Terminals

UL Listed 90° C, 600 Volts to 35 kV



The BREAK-AWAY™ line of Copper and Aluminum HYLUG™ terminals are designed to provide maximum field flexibility by allowing the installer (using the BREAK-AWAY feature) to easily convert two-hole terminals to one-hole terminals to suit the application.

The BREAK-AWAY™ line of terminals encompasses a wide range of features that affords the installer the flexibility in meeting the requirements for challenging projects.



Features and Benefits

- BREAK-AWAY feature allows for field modification of the terminal from a two-hole design to a one-hole design and the terminal still retains its UL Listing and CSA Certification.
- Field modification of the terminal does not require specialized tooling or training.
- Stud size is 1/2" (12 mm²) on the first stud as well as the slotted second stud.
- Slotted second stud provides built in flexibility for the terminal to conform to various bus bar dimensions. With the slotted second stud, the terminal can be used on two-hole spacing ranging from 1.00" to 1.75" for 1/2" stud hole sizes and 0.63" to 1.00" for 1/4" stud hole size.
- Narrow tongue design allows for the terminal to fit into tight spaces.
- Accommodates a wide range of conductor combinations (AWG, Compact, DLO, Flex as well as Metric).
- The BREAK-AWAY™ line of terminals can be installed with standard BURNDY® tooling (example: PAT750XT-18V) and U-dies.
- Terminals are range taking when installed with Y644 tooling platforms.

Copper Conductor

Catalog Number	Conductor Size	mm ²	Dimensions					Installation Tooling (# of crimps)						
			Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PATMD6 platform	Y35, Y39, Y750, *Y46, PAT750, *PAT46 platforms	Color Code	Die Index
YBAV25FX14	1/0 Flex (275/24); 1/0 AWG	50	.63" to 1.08"	1/4" [6]	.73"	1.50"	.13"	3.69"	MY29 (MY29 platform tools can only be used on Code Conductor), PAT644- & Y644-platforms (1) 4-POINT® Y81K, PAT81K, Y4PC PAT4PC-platforms (2)	W25VT (4) X25RT (4) W25RT (4)	W25VT (4) X25RT (4) W25RT (4)	U25RT (2)	Pink	12 or 348
YBAV26FX14	2/0 Flex (325/24); 2/0 AWG	70	.63" to 1.08"	1/4" [6]	.89"	1.50"	.13"	3.74"		W26VT (4) X26RT (4) W26RT (4)	W26VT (4) X26RT (4) W26RT (4)	U26RT (2)	Black	13
YBAV27FX14	3/0 Flex (450/24); 3/0 AWG	95	.63" to 1.08"	1/4" [6]	.87"	1.50"	.14"	3.78"		W27VT (4) X27RT (4) W27RT (4)	W27VT (4) X27RT (4) W27RT (4)	U27RT (4)	Orange	14
YBAV28FX	4/0 Flex (550/24); 4/0 AWG	120	1" to 1.75"	1/2" [12]	.94"	1.62"	.14"	5.24"		X28RT (6) W28RT (4) W28VT (4)	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	Purple	15
YBA29	250 kcmil (Class A & B)	—	1" to 1.75"	1/2" [12]	.96"	1.62"	.16"	5.21"	PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2) for YBA29, (3) for YBA31FX & YBA32FX, (4) for YBA34FX	W29RT (4) W29VT (4)	W29RT (4) W29VT (4)	U29RT (2)	Yellow	16
YBA31FX	250 kcmil (Class I, K & M)	150	1" to 1.75"	1/2" [12]	.96"	2.00"	.18"	5.68"		W30VT (4) W30RT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17 or 298
YBA32FX	313.1 kcmil Flex (775/24)	185	1" to 1.75"	1/2" [12]	.96"	2.12"	.19"	5.85"		W31VT (4) W31RT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18 or 324
YBA34FX	373.7 kcmil Flex (775/24)	240	1" to 1.75"	1/2" [12]	.96"	2.25"	.23"	6.08"		W32VT (4) W32RT (4)	W34VT (6) W34RT (6)	U32RT (4)	Blue	19 or 470

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies.

** OUR840 can use X-style dies only.

Blue highlighted items are industry standard and most frequently ordered.

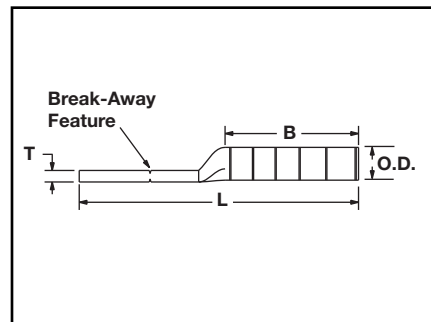
C-12

TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™
(Continued)

Copper and Aluminum
Compression Terminals

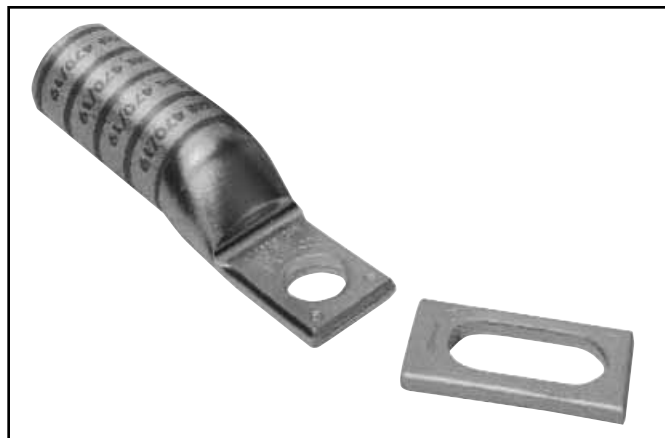
UL Listed 90° C,
600 Volts to 35 kV



Copper Conductor (Continued)

Catalog Number	Conductor Size	mm ²	Dimensions						Installation Tooling (# of crimps)			
			Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	Y35, Y39, Y750, *Y46, PAT750, *PAT46 Platforms	Color Code	Die Index
YBA36FX	440 kcmil Flex	—	1" to 1.75"	1/2" [12]	1.47"	2.69"	.27"	6.59"	Y644, PAT644 (1), Y81K, PAT81K (2)	U34RT (4)	Brown	20 or 299
YBA36FX58	444.4 kcmil (1100/24)		1" to 1.75"	5/8" [16]								
YBA38FX	535.3 Flex (1325/24) 500 kcmil nom.	300	1" to 1.75"	1/2" [12]	1.62"	2.81"	.27"	6.76"		U38XRT (4)	Pink	L99
YBA39	750 kcmil (Code Class AA, A & B)	—	1" to 1.75"	1/2" [12]	1.63"	2.88"	.27"	6.87"		U39RT (4)	Black	24
YBA44FX	750 kcmil Flex (Class I);	500	1" to 1.75"	1/2" [12]	1.62"	3.00"	.32"	7.14"		U44XRT (4)	Yellow	L115
YBA44FX58	777.7 Flex (1925/24)		1" to 1.75"	5/8" [16]								

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies.



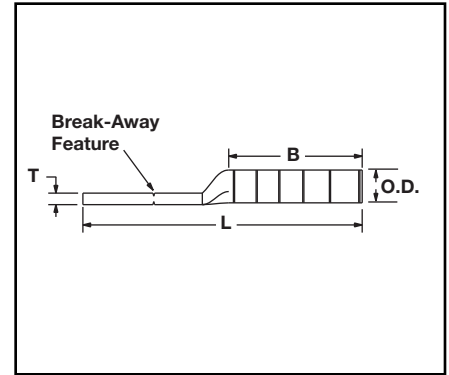
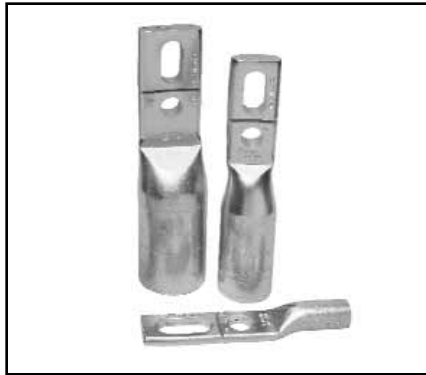
Blue highlighted items are industry standard and most frequently ordered.

TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™
(Continued)

Copper and Aluminum
Compression Terminals

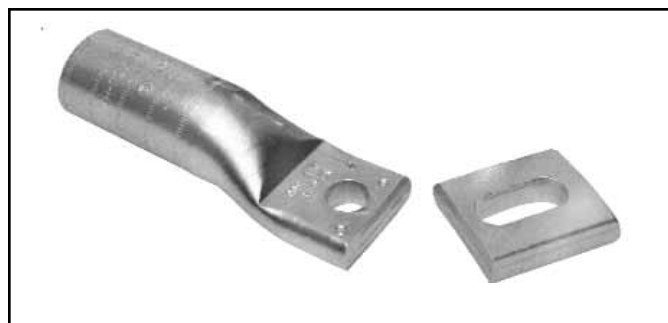
UL Listed 90° C,
600 Volts to 35 kV



Aluminum Conductor

Catalog Number	Conductor Size (Concentric and Compact)	Dimensions						Installation Tooling (# of crimps)						
		Stud Hole Spacing	Stud Hole Size [mm]	Tongue Width	B	T	L	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500C7HS, PAT60018V, PATMD6 platform	Y35, Y39, Y750, *Y46, PAT750, *PAT46 platforms	Color Code	Die Index	
YBA25A	1/0	1" to 1.75"	1/2" [12]	1.03"	1.05"	.17"	4.59"	MY29 (MY29 platform tools can only be used on Code Conductor), PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2)	W241 (2) X241 (4)	W241 (2)	U25ART (1)	Tan	296	
YBA26A	2/0	1" to 1.75"	1/2" [12]	1.03"	1.17"	.20"	4.78"		—	—	U26ART (2)	Olive	297	
YBA27A	3/0	1" to 1.75"	1/2" [12]	1.04"	1.31"	.26"	5.02"		—	—	U27ART (2)	Ruby	467	
YBA28A	4/0	1" to 1.75"	1/2" [12]	1.17"	1.39"	.30"	5.19"		W660 (4) X660 (8)	W660 (4)	U28ART (2)	White	298	
YBA29A	250 kcmil	1" to 1.75"	1/2" [12]	1.26"	1.45"	.33"	5.28"		—	—	U29ART (2)	Red	324	
YBA30A	300 kcmil	1" to 1.75"	1/2" [12]	1.38"	1.53"	.36"	5.64"		—	—	U30ART (2)	Blue	470	
YBA31A	350 kcmil	1" to 1.75"	1/2" [12]	1.52"	1.85"	.39"	6.07"		—	—	U31ART (2)	Brown	299	
YBA32A	400 kcmil	1" to 1.75"	1/2" [12]	1.62"	2.26"	.43"	6.16"		PAT644 & Y644 platforms (1), 4-POINT®	—	—	U32ART (4)	Green	472
YBA34A	500 kcmil	1" to 1.75"	1/2" [12]	1.62"	2.34"	.46"	6.80"		Y81K, PAT81K, Y4PC, PAT4PC platforms (4)	—	—	U34ART (4)	Pink	300
YBA36A	600 kcmil	1" to 1.75"	1/2" [12]	1.31"	2.47"	.52"	7.09"		—	—	U36ART (4)	Black	473	
YBA39A	700 & 750 kcmil	1" to 1.75"	1/2" [12]	1.62"	2.46"	.43"	7.07"	—	—	U39ART-2 (2)	Yellow	936		
YBA44A	1000 kcmil	1" to 1.75"	1/2" [12]	1.65"	2.74"	.55"	7.76"	Y644MBH (1)	—	—	P44ART† (4)	Brown	302	

† Can only be crimped with PAT46 or Y46 platform tools using the P44ART die.
* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies
** OUR840 can use X-style dies only.



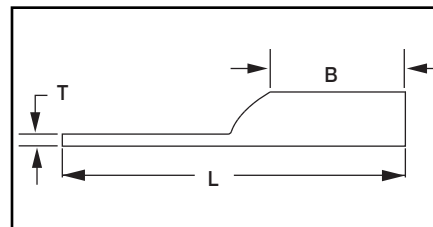
Blue highlighted items are industry standard and most frequently ordered.

TYPES YA-2NU, YA-4NU

C-14

Blank Tongue HYLUG™

The Blank Tongue line of Copper Code HYLUG™ terminals are designed to provide maximum field flexibility. Scored lines prevent the drill from walking when trying to drill in this area. This innovative design allows the installer to customize the tongue drilling to fit their specific application while maintaining UL Listing and CSA certification.



Features & Benefits

- Manufactured from seamless high-conductivity electrolytic copper tubing with heavy duty wall thickness.
- Internally beveled barrel end.
- Proper compression systems form a highly efficient electrical connection.
- Dimples located at each end of the scored line represent the location of the NEMA standard hole spacing.
- Scored line locates the center of the Tongue and prevents the drill from walking when trying to drill in this area.
- Offered in a wide range of code conductor sizes.



Catalog Number	Conductor		Min. Bolt Hole**	Tongue Width	Figure Dimensions			▲ Installation Tooling				Color Code	Die Index	Wire Strip Length
	AWG	*** MM ²			B	T	L	Dieless (# of crimps)	Mechanical	Hydraulic				
									MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y750, Y46*, PAT750			
YA8C2NU	#8 AWG	—	#10	.83"	0.81"	.12"	4.08"	Y1MRTC (2) MY29-11 (1)	W8CRT (1) W8CVT (1) X8CRT (2) W8CVT (1)	W8CRT (1)	U8CRT (1) U8CRT (1)	Red	49	7/8"
YA6C2NU	#6 AWG	—	#10	.83"	1.12"	.12"	4.40"	Y1MRTC (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTBMH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16"
YA4C2NU	#4 AWG	—	#10	.83"	1.12"	.12"	4.45"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"
YA3C2NU	#3 AWG #2 Sol.	25	1/4	.83"	1.25"	.12"	4.62"	Y81KFTBMH (1) PAT81KFT-18V (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16"
YA2C2NU	#2 AWG	35	1/4	.83"	1.25"	.12"	4.64"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTBMH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"

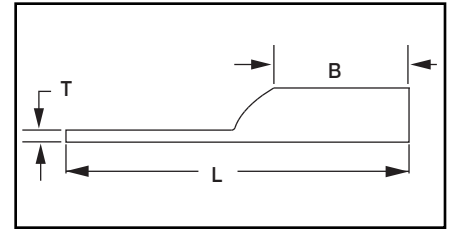
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™

‡ Requires Y60BHU HYPRESS™
** Minimum bolt hole size must be maintained for UL & CSA.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YA-2NU, YA-4NU

Blank Tongue HYLUG™
(Continued)



C-15

Catalog Number	Conductor		Min. Bolt Hole**	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling			Color Code	Die Index	Wire Strip Length
	AWG	*** MM ²			B	T	L		Mechanical	Hydraulic				
									MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y750, Y46*, PAT750			
YA1C2NU	#1 AWG	50	1/4	.83"	1.38"	.12"	4.82"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16"
YA252NU	1/0 AWG	—	1/4	.83"	1.38"	.11"	4.81"	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16"
YA262NU	2/0 AWG	70	1/4	.83"	1.50"	.12"	4.97"		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"
YA272NU	3/0 AWG	—	1/4	.91"	1.50"	.13"	5.01"		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"
YA282NU	4/0 AWG	—	1/4	1.02"	1.62"	.14"	5.17"		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"
YA292NU	250 kcmil	120	1/4	1.11"	1.62"	.16"	5.21"		W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16"
YA302NU	300 kcmil	150	1/4	1.20"	2.00"	.16"	5.64"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2-1/16"
YA312NU	350 kcmil	185	1/4	1.29"	2.00"	.18"	5.68"		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16"
YA322NU	400 kcmil	—	3/8	1.40"	2.12"	.19"	5.85"		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19	2-3/16"
YA342NU	500 kcmil	240	3/8	1.55"	2.25"	.22"	6.06"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20	2-5/16"
YA362NU	600 kcmil	300	3/8	1.73"	2.69"	.26"	6.59"		U36RT (4) U32ART (4)	U36RT (4) U32ART (4)	Green	22	2-3/4"	
YA392NU	750 kcmil	—	3/8	1.91"	2.88"	.26"	6.87"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	P39RT (4)**	Black	24	2-15/16"
YA402NU	800 kcmil	400	3/8	1.98"	2.94"	.30"	6.95"				P40RT (4)	Orange	25	3"
YA442NU	1000 kcmil	500	3/8	2.18"	3.00"	.33"	7.14"				P44RT (4)**	White	27	3-1/16"
YA452NU	1250 kcmil	—	3/8	2.46"	3.19"	.38"	7.44"				P45RT (6)**	Yellow	29	3-1/4"
YA462NU	1500 kcmil	800	3/8	2.69"	3.19"	.40"	7.55"				P46RT (6)**	Green	31	3-1/4"
YA472NU‡	1750 kcmil	—	3/8	2.90"	3.44"	.42"	7.89"				‡	Gray	33	3-1/2"
YA482NU‡	2000 kcmil	1000	3/8	3.10"	3.44"	.46"	7.98"				‡	Brown	34	3-1/2"
YA444NU	1000 kcmil	500	3/8	3.00"	3.00"	.23"	7.14"				P44RT	White	27	3-1/16"
YA454NU	1250 kcmil	—	3/8	3.00"	3.19"	.30"	7.44"				P45RT	Yellow	29	3-1/4"
YA464NU	1500 kcmil	800	3/8	3.00"	3.19"	.34"	7.55"				P46RT	Green	31	3-1/4"

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™
‡ Requires Y608HU HYPRESS™

** Minimum bolt hole size must be maintained for UL & CSA.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YBA-KIT, YA-KIT, YBAFX-KIT, YAFX-KIT

Copper and Aluminum Turbine Lug Kits

UL Listed 90°C,
600 Volts to 35 kV

Aiding in the staging and flow of material on a project, the BURNDY® Turbine Lug Kits are designed to meet the termination requirements for the standard 1.5 MW wind turbine, improving overall project efficiency. Each lug kit contains UL Listed and CSA Certified copper or aluminum lugs. Kits include the required number of lugs needed to terminate aluminum or copper conductors on the low voltage side of a base transformer or the down tower switchgear. There are four individual kits, two for aluminum, two for copper, they are all custom designed to handle any termination requirements.



Features & Benefits

- **YA44A3** (1000 kcmil aluminum) HYLUG™, 2-hole, narrow tongue aluminum compression terminal that is dual rated for both copper and aluminum.
- **YBA44A** (1000 kcmil, 1000 compact aluminum) BREAK-AWAY™ HYLUG™, 2-hole narrow tongue aluminum compression terminal that is dual rated for both copper and aluminum. The BREAK-AWAY™ feature allows for field modification of the terminal from a 2-hole to a 1-hole terminal and still retain UL Listing and CSA Certification.
- **YAZ442NNTFX** (777.7 Flex, 1925/24 str., 750 kcmil copper) HYLUG™, 2-hole, narrow tongue copper compression terminal that accommodates flex and AWG conductor.
- **YBA44FX** (777.7 Flex, 1925/24 str. [750 kcmil] nom. copper) BREAK-AWAY™ HYLUG™, 2-hole, narrow tongue copper compression terminal that accepts a wide range of conductor combinations (AWG, compact, DLO, flex, metric). The BREAK-AWAY™ feature allows field modification of the terminal from a 2-hole to 1-hole terminal and still retain UL Listing and CSA Certification.
- Both aluminum and copper low voltage turbine lug kits include **YA29-2N** (250 kcmil, copper, 2-hole) lugs for terminating grounding conductor.
- Aluminum kits are shipped with squeeze packets of PENETROX™ oxide inhibitor for terminating aluminum conductor.

Copper Kits

Catalog Number	Includes:
YBAFX15CLKIT	15 pcs YBA44FX (777.7 Flex Cu 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil Cu 2-hole NEMA lug)
YAFX15CLKIT	15 pcs YAZ442NNTFX (777.7 Flex Cu 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil Cu 2-hole NEMA lug)

Aluminum Kits

Catalog Number	Includes:
YBA15ALKIT	15 pcs YBA44A (1000 Al 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil Cu 2-hole NEMA lug); 1 squeeze tube (1/2 oz) of PENETROX™ oxide inhibitor
YA15ALKIT	15 pcs YA44A3 (1000 Al 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil Cu 2-hole NEMA lug); 1 squeeze tube (1/2 oz) of PENETROX™ oxide inhibitor



Heat shrink and mounting hardware sold separately.

Blue highlighted items are industry standard and most frequently ordered.

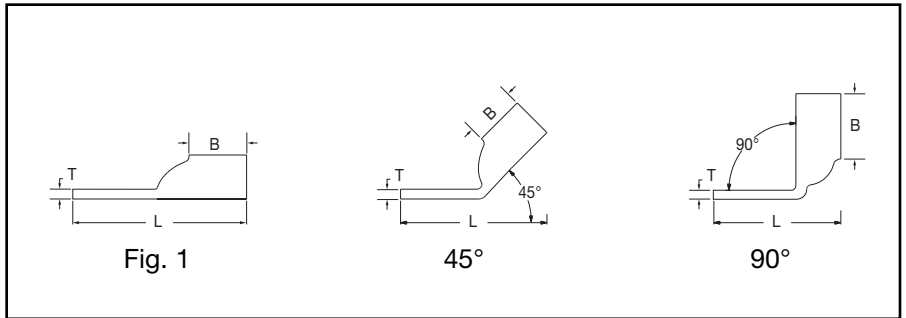
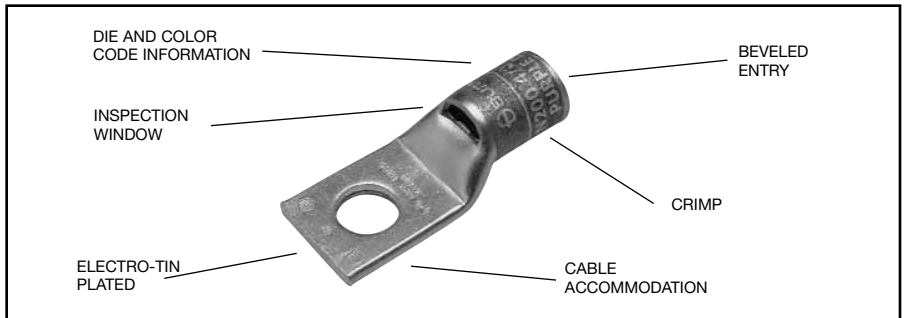
**ONE HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**

TYPES YA-L, YA-L-TC

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750	Color Code		Die Index
YAV10-BOX	1	#14-#10 Str Sol	6	8-10	.38"	.405"	.058"	1.02"	Y8MRB-1 (1)	—	—	—	—	7/16"	
YAV10R-BOX	3			1/4"	.47"	.405"	.047"	.83"							
YAV10R3-BOX	3			5/16"	.53"	.38"	.047"	1.12"							
YAV10T2-BOX	1			1/4"	.47"	.405"	.047"	1.10"							
YAV10T3-BOX	1			3/8"	.56"	.38"	.047"	1.18"							
YAV10T4-BOX	1			1/4"	.44"	.44"	.08"	1.26"							
YA8CL1-BOX	1	#8 AWG #8 Weld 37/24 #6 Solid	† 10	5/16"	.52"	.44"	.06"	1.38"	Y1MRTC (1) Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"
YA8CL2-BOX	1			3/8"	.58"	.44"	.06"	1.51"							
YA8CL3-BOX	1			1/2"	.71"	.44"	.05"	1.76"							
YA8CL4-BOX	1			8-10	.41"	.44"	.08"	1.16"							
YA8CL-BOX	1			1/4"	.45"	.54"	.08"	1.18"							
YA6CL-BOX	1	#6 AWG		8-10	.41"	.54"	.09"	.99"	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1)	Blue	7	5/8"
YA6CL1-BOX	1			5/16"	.52"	.54"	.07"	1.24"							
YA6CL3-BOX	1			3/8"	.63"	.54"	.06"	1.28"							
YA6CL4-BOX	1	#6 AWG		1/2"	.75"	.54"	.12"	1.60"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) UBCART (1)	Blue	7	5/8"
YA6CL6-BOX	1			1/4"	.44"	.81"	.07"	1.65"							
YA5CL-BOX	1	#5 AWG		1/4"	.44"	.81"	.07"	1.65"	W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) W5CVT (1) X5CRT (1)	U5CRT (1)	Blue	7	7/8"	

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
 ** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
 *** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
 † The MM² conductor size listed is for both Class 2 and Class 5 conductor.
 ▲ See tooling section of this catalog for complete tool and die listings.
 ◆ For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

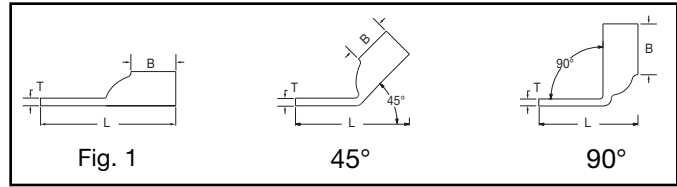
Compression Connections

BURNDY®

Copper Compression – Code

C-18

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



45° and 90° angles are available.

Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling						
		AWG	*** MM²			(B)	(T)	(L)		Mechanical		Hydraulic		Color Code	Die Index	Wire Strip Length
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750				
YA4CL-BOX	1	#4 AWG		1/4"	.50"	.81"	.09"	1.74"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8"	
YA4CL1-BOX	1			8-10	.50"	.81"	.09"	1.58"								
YA4CL3-BOX	1			5/16"	.58"	.81"	.08"	1.92"								
YA4CL4-BOX	1			3/8"	.58"	.81"	.08"	1.92"								
YA4CL6-BOX	1			1/2"	.71"	.81"	.06"	2.20"								
YA3CL	1	# 3 Str # 2 Sol	25	5/16"	.55"	.88"	.09"	1.88"	Y81KFTMBH (1) PAT81KFT-18V (1)	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16"	
YA2CL2-BOX	1	#2 AWG	35	1/4"	.61"	.88"	.11"	1.88"								
YA2CL-BOX	1			5/16"	.61"	.88"	.11"	1.93"								
YA2CL4-BOX	1			3/8"	.61"	.88"	.11"	2.06"								
YA2CL6-BOX	1			1/2"	.73"	.88"	.09"	2.32"								
YA1CL2	1	#1 AWG	50	1/4"	.68"	.88"	.10"	1.81"	Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16"	
YA1CL-BOX	1			5/16"	.68"	.88"	.01"	1.94"								
YA1CL4-BOX	1			3/8"	.68"	.88"	.10"	2.06"								
YA1CL6-BOX	1			1/2"	.73"	.88"	.09"	2.37"								
YA25L2-BOX	1	1/0 AWG		1/4"	.75"	.88"	.12"	1.84"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16"	
YA25L4-BOX	1			3/8"	.75"	.88"	.12"	2.09"								
YA25L6-BOX	1			1/2"	.75"	.88"	.12"	2.34"								
YA25L-BOX	1			5/16"	.75"	.88"	.12"	1.96"								
YA26L2-BOX	1	2/0 AWG	70	1/4"	.83"	.94"	.12"	1.94"	Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1"	
YA26L-BOX	1			3/8"	.83"	.94"	.12"	2.19"								
YA26L60	1			3/4"	.96"	.94"	.12"	2.96"								
YA26L6-BOX	1			1/2"	.83"	.94"	.12"	2.44"								
YA26LNT516	1			5/16"	.62"	.94"	.13"	2.62"								
YA27L3	1	3/0 AWG		5/16"	.91"	1.00"	.13"	2.16"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"	
YA27L4-BOX	1			3/8"	.91"	1.00"	.13"	2.29"								
YA27L-BOX	1			1/2"	.91"	1.00"	.13"	2.54"								
YA27LNT38	1			3/8"	.76"	1.00"	.12"									
YA28L2-BOX	1	4/0 AWG		1/4"	1.02"	.88"	.14"	1.96"	Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"	
YA28L3	1	4/0 AWG		5/16"	1.02"	.88"	.14"	2.08"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (2)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"	
YA28L4-BOX	1			3/8"	1.02"	.88"	.14"	2.21"								
YA28L56	1			3/4"	1.05"	.88"	.13"	1.97"								
YA28L-BOX	1			1/2"	1.02"	.88"	.14"	2.46"								
YA28LNT38	1			3/8"	.76"	.88"	.16"	2.79"	Y81KFTMBH (2) PAT81KFT-18V (2)							

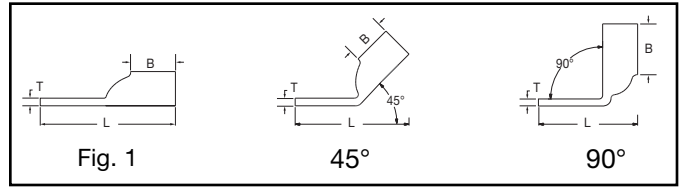
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	*** MM²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	
YA29L2	1	250 kcmil		1/4"	1.11"	1.06"	.16"	2.17"	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8"
YA29L4	1			3/8"	1.11"	1.06"	.16"	2.42"							
YA29L7	1			5/16"	1.11"	1.06"	.16"	2.30"							
YA29LTC78	1			7/8"	1.11"	1.06"	.14"	3.36"							
YA29LNT38	1			3/8"	.96"	1.06"	.16"	2.96"							
YA29L-BOX	1			1/2"	1.11"	1.06"	.16"	2.67"							
YA30L	1	300 kcmil	150	1/2"	1.20"	1.03"	.16"	2.69"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16"
YA30L1	1			5/16"	1.20"	1.03"	.16"	2.31"							
YA30L24	1			3/8"	1.20"	1.03"	.16"	2.44"							
YA30L27	1			7/8"	1.20"	1.03"	.16"	3.37"							
YA30L28	1			3/4"	1.20"	1.03"	.16"	3.12"							
YA30L7	1			5/8"	1.20"	1.03"	.16"	2.94"							
YA31L	1	350 kcmil	185	1/2"	1.29"	1.06"	.18"	2.75"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16"
YA31L11	1			3/8"	1.29"	1.06"	.18"	2.50"							
YA31L36	1			7/8"	1.29"	1.06"	.18"	4.02"							
YA31L7	1			5/8"	1.29"	1.06"	.18"	3.00"							
YA31LNT38				3/8"	.96"	1.06"	.18"	3.37"							
YA32L	1	400 kcmil		5/8"	1.38"	1.19"	.19"	3.18"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4"
YA32L1	1			1/2"	1.40"	1.19"	.19"	2.93"							
YA32L14	1			3/8"	1.38"	1.19"	.19"	2.68"							
YA32LTC78	1			7/8"	1.40"	1.19"	.19"	3.62"							
YA33L	1	450 kcmil		5/8"	1.48"	1.50"	.21"	3.57"							
YA34L	1	500 kcmil	240	5/8"	1.55"	1.27"	.23"	3.37"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16"
YA34L20	1			1"	1.55"	1.27"	.23"	4.05"							
YA34L37	1			3/8"	1.55"	1.27"	.23"	2.87"							
YA34L6	1			1/2"	1.55"	1.27"	.23"	3.12"							
YA34L8	1			3/4"	1.55"	1.27"	.23"	3.55"							
YA34L9	1			7/8"	1.55"	1.27"	.23"	3.80"							
YA35L	1	550 kcmil		5/8"	1.65"	1.69"	.25"	3.81"			U35RT (2)	Yellow	21	1-3/4"	
YA36L11	1	600 kcmil	300	1/2"	1.74"	1.38"	.27"	3.29"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2)			U36RT (2)	Green	22	1-3/4"
YA36L	1			5/8"	1.74"	1.38"	.27"	3.72"							
YA36LTC78	1	600 kcmil	300	7/8"	1.74"	1.38"	.27"	3.97"			U36RT (2) U32ART (2)	Green	22	1-3/4"	
YA37L	1	650 kcmil		5/8"	1.80"	1.39"	.27"	3.57"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)			U37RT (2)	Orange	23	1-15/16"
YA37L1	1														
YA38L	1	700 kcmil		5/8"	1.84"	1.45"	.27"	3.66"			U38RT (2)	Pink	400	1-15/16"	
YA39L	1	750 kcmil		5/8"	1.91"	1.42"	.27"	3.67"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)			U39RT (2) P39RT (2) **	Black	24	1-15/16"
YA39L2	1			7/8"	1.91"	1.42"	.27"	4.10"							
YA39L9	1			1-1/4"	1.91"	1.42"	.27"	4.85"							
YA39LNT38				3/8"	1.12"	1.42"	.27"	4.70"							
YA39L6	1			1/2"	1.91"	1.42"	.27"	3.41"							

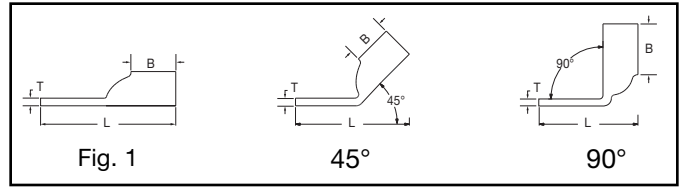
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM ²			(B)	(T)	(L)		Mechanical	Hydraulic		Color Code		Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA40L	1	800 kcmil	400	5/8"	1.98"	1.42"	.30"	3.81"	Y644HS (1)	—	—	P40RT(3) **	Orange	25	1-15/16"
YA41L	1	850 kcmil		5/8"	2.01"	1.88"	.31"	4.15"	Y81KFT (3)	—	—	—	Gold	26	1-15/16"
YA44L	1			5/8"	2.19"	1.65"	.33"	4.04"	Y81KFTMBH (3)						
YA44L2	1			1/2"	2.49"	1.65"	.33"	3.98"	PAT81KFT-18V (3)						
YA44L23	1	1000 kcmil	500	1"	2.19"	1.65"	.33"	4.73"	Y644MBH (1) PAT644-18V (1)	—	—	P44RT(3) **	White	27	1-15/16"
YA45L	1	1250 kcmil		3/4"	2.46"	2.00"	.38"	4.68"		—	—	P45RT(3) **	Yellow	29	2-1/16"
YA453L	1	1300 kcmil		3/4"	2.53"	2.00"	.39"	4.71"		—	—	—	Orange	30	2-1/16"
YA46L	1	1500 kcmil		3/4"	2.69"	2.00"	.40"	4.78"		—	—	P46RT (3) **	Green	31	2-1/16"
YA48L	1	2000 kcmil		3/4"	3.10"	2.25"	.46"	5.19"		—	—	—	Brown	34	2-1/4"

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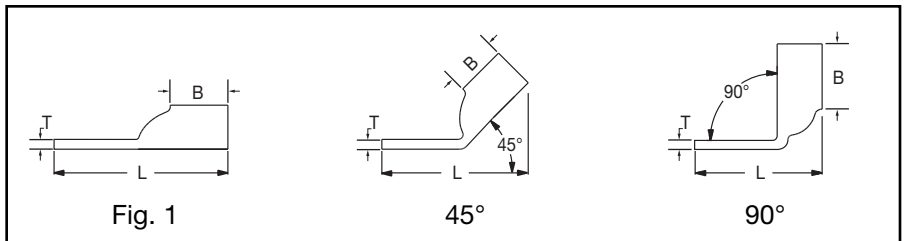
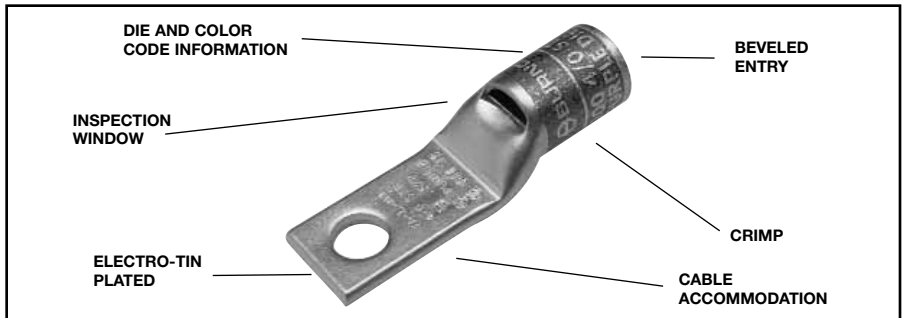
**ONE HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL
NARROW TONGUE**

TYPE YA-L-NT

**COPPER COMPRESSION
NARROW TONGUE
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling						Wire Strip Length	
		AWG	*** MM²			(B)	(T)	(L)	**** Dieless (# of crimps)	Mechanical		Hydraulic		Color Code		Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YA8CLNT6	1	#8 AWG	** 10	6	.29"	.44"	.09"	1.08"	Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2"	
YA8CLNT8	1		8	.33"	.44"	.09"	1.18"									
YA6CLNT6	1	#6 AWG	—	6	.29"	.54"	.09"	1.17"	Y1MRTC (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	7/8"	
YA4CLNT10	1	#4 AWG	—	# 10	.40"	.81"	.09"	1.73"	MY29-3 (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8"	
YA3CLNT14	1	#3 AWG	25	# 10	1/4"	.41"	.88"	.09"	1.82"	MY29-11 (1) MRC840	W3CVT (1)	W3CVT (1)	U3CRT (1)	White	9	15/16"
YA3CLNT516	1	#2 Sol.			5/16"	.49"	.88"	.09"	1.80"							
YA2CLNT10	1	#2 AWG	35	# 10	.48"	.88"	.11"	1.80"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16"	
YA2CLNT14	1				1/4"	.50"	.88"	.11"								1.80"
YA2CLNT516	1				5/16"	.49"	.88"	.11"								1.82"
YA1CLNT10	1				#1 AWG	50	# 10	.50"								.88"
YA1CLNT14	1	1/4"	.50"	.88"				.10"	2.23"							
YA25LNT10	1	1/0 AWG	—	# 10	.62"	.88"	.12"	2.28"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2)	X25RT (2)	U25RT (1)	Pink	12	15/16"	
YA25LNT14	1				1/4"	.48"	.88"	.12"								1.93"
YA25LNT516	1				5/16"	.62"	.88"	.12"								2.28"
YA25LNT38	1				3/8"	.62"	.88"	.12"								2.18"
YA26LNT10	1	2/0 AWG	70	# 10	.62"	.94"	.13"	2.62"	Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1"	
YA26LNT14	1				1/4"	.48"	.94"	.13"								2.02"
YA26LNT516	1				5/16"	.62"	.94"	.13"								2.62"
YA26LNT38	1				3/8"	.72"	.94"	.12"								2.48"

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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

**** Y644M is not recommended for standard barrel length #6 AWG HYLUG™.
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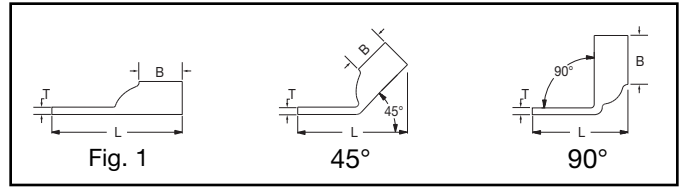
Compression Connections

BURNDY®

Copper Compression – Code – Narrow Tongue

C-22

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE (Continued)



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			**** Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length					
		AWG	MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index						
											BC7500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750								
YA27LNT14	1	3/0 AWG	—	1/4"	.76"	1.00"	.13"	2.10"	Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	W27VT (2)	X27RT (3)	U27RT (1)	Orange	14	1-1/16"					
YA27LNT516	1			5/16"	.60"	1.00"	.12"	2.17"												
YA27LNT38	1			3/8"	.76"	1.00"	.12"	2.73"												
YA28LNT14	1	4/0 AWG	—	1/4"	.76"	.88"	.14"	2.60"		Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	W28VT (2)	X28RT (3)	U28RT (1)	Purple	15	1-1/8"				
YA28LNT516	1			5/16"	.70"	.88"	.14"	2.09"												
YA28LNT38	1			3/8"	.76"	.88"	.14"	2.67"												
YA29LNT516	1	250 kcmil	—	5/16"	.76"	1.06"	.16"	2.48"			Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16	1-1/8"			
YA29LNT38	1			3/8"	.96"	1.06"	.16"	2.96"												
YA29LNT38	1			3/8"	.96"	1.06"	.16"	2.96"												
YA30LNT14	1	300 kcmil	150	1/4"	.83"	1.03"	.16"	2.26"				Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	W30VT (4)	—	U30RT (2)	White	17	1-1/8"		
YA30LNT38	1			3/8"	.96"	1.03"	.16"	2.97"												
YA31LNT38	1	350 kcmil	185	3/8"	.96"	1.06"	.18"	3.31"					Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	W31VT (4)	—	U31RT (2)	Red	18	1-3/16"	
YA31LNT12	1			1/2"	.88"	1.06"	.18"	2.75"												
YA32LNT38	1	400 kcmil	—	3/8"	.96"	1.19"	.20"	3.21"	Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)					W32VT (4)	—	U32RT (2)	Blue	19 or 470	1-1/4"	
YA32LNT12	1			1/2"	.96"	1.19"	.19"	3.21"												
YA34LNT38	1	500 kcmil	240	3/8"	.96"	1.27"	.23"	3.65"		Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)				W34VT (4)	—	U34RT (2)	Brown	20 or 299	1-7/16"	
YA34LNT12	1			1/2"	.96"	1.27"	.23"	3.65"												
YA36LNT38	1	600 kcmil	300	3/8"	1.12"	1.38"	.27"	4.09"						Y644HS (1) Y81KFT (2) Y81KFTMB (2) PAT81KFT-18V (2)	—	—	U36RT (2)	Green	22	1-3/4"
YA36LNT12	1			1/2"	1.00"	1.38"	.27"	3.29"												
YA39LNT38	1	750 kcmil	—	3/8"	1.12"	1.42"	.27"	4.24"			Y81KFT (3) Y81KFTMB (3) PAT81KFT-18V (3)				—	—	U39RT (2)	Black	24	1-15/16"
YA39LNT12	1			1/2"	1.63"	1.42"	.27"	4.24"												
YA39LNT58	1			5/8"	1.30"	1.42"	.27"	3.67"												

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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

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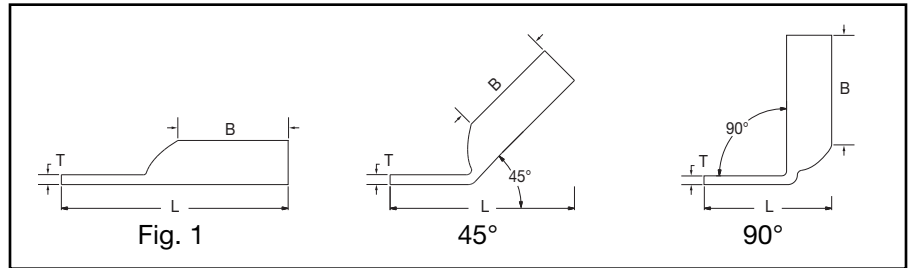
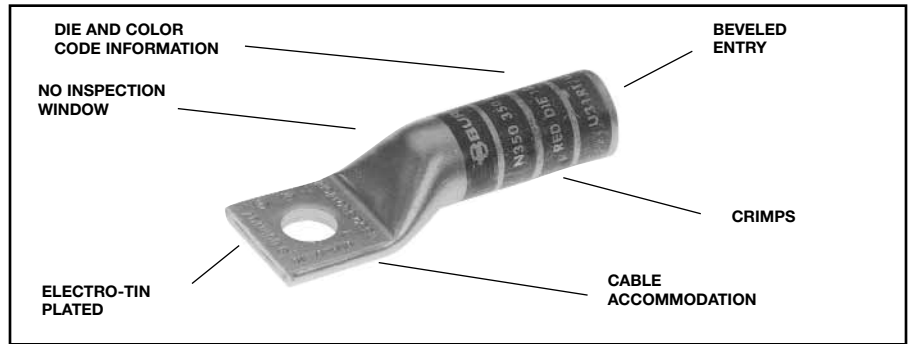
**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**

TYPES YA, YA-TC

**UNINSULATED COPPER
COMPRESSION TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500GTHS		Y35, Y39, Y750 Y46*, PAT750		Color Code
YA8CTC10	1	#8 AWG	† 10	# 10	38"	.81"	.08"	1.57"	MRC840 (2) Y8MBR-1 (1) Y1MRTC (2) Y81KFT (1)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CVT (2) W8CRT (2)	U8CRT (2)	Red	49	1"
YA8CTC14	1	#8 Weld 37/24		1/4"	.41"	.81"	.08"	1.69"	Y81KFTMBH (1)						
YA8CTC38	1	#6 Sol		3/8"	58"	.81"	.06"	1.88"	PAT81KFT-18V (1)						
YA6CTC10	1	#6 AWG	—	# 10	.41"	1.12"	.09"	1.89"	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y1MRTC (2) Y81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16"
YA6CN	1			1/2"	.83"	1.12"	.12"	2.64"	Y81KFTMBH (1)						
YA6C	1			1/4"	.41"	1.12"	.09"	1.81"	PAT81KFT-18V (1)						
YA5C	1	#5 AWG	—	1/4"	.44"	1.12"	.07"	1.98"	Y1MRTC (2) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16"
YA5CN	1			1/2"	.83"	1.12"	.12"	2.67"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA4CTC10	1	#4 AWG	—	# 10	.49"	1.12"	.09"	1.94"	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"
YA4C	1			1/4"	.50"	1.12"	.09"	1.87"	Y81KFTMBH (1) PAT81KFT-18V (1)						

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

† The MM² conductor size listed is for Class 2 and Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory.

• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

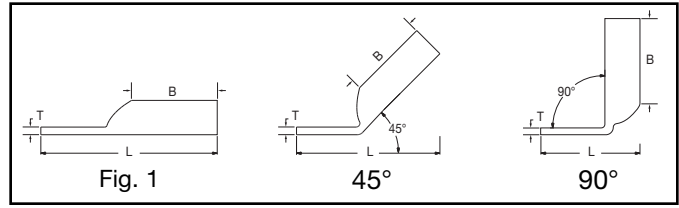
BURNDY®

Copper Compression – Code – Long Barrel – No Inspection Window

C-24

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ♦



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length		
		AWG	*** MM ²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code		Die Index	
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YA4CTC38	1	#4 AWG	—	3/8"	.58"	1.12"	.08"	2.25"	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y1MRTC (4) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"	
YA4CN	1			1/2"	.83"	1.12"	.12"	2.69"								
YA3CTC14	1	#3 AWG #2 Solid	25	1/4"	.55"	1.25"	.09"	2.23"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-1/2"	
YA3C	1			5/16"	.55"	1.25"	.09"	2.30"								
YA3CTC38	1			3/8"	.61"	1.25"	.08"	2.42"								
YA3CN	1			1/2"	.81"	1.25"	.12"	2.86"								
YA2CTC10	1	#2 AWG	35	# 10	.61"	1.25"	.11"	2.10"	Y1MRTC (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"	
YA2CTC14	1			1/4"	.60"	1.25"	.11"	2.23"								
YA2C	1			5/16"	.61"	1.25"	.11"	2.29"								
YA2CN	1			1/2"	.83"	1.25"	.12"	2.88"								
YA1CTC10	1	#1 AWG	50	# 10	.68"	1.38"	.10"	2.27"	PAT81KFT-18V (2) Y1MR (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16"	
YA1C	1			5/16"	.68"	1.38"	.10"	2.45"								
YA1CN	1			1/2"	.83"	1.38"	.12"	3.06"								
YA25TC10	1	1/0 AWG	—	# 10	.75"	1.38"	.12"	2.30"	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16"	
YA25	1			5/16"	.75"	1.38"	.12"	2.48"								
YA25TC38	1			3/8"	.75"	1.38"	.12"	2.61"								

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▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indentor system contact factory.

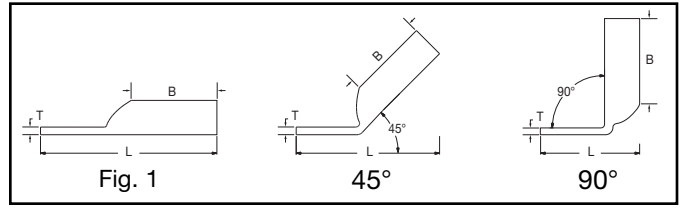
• Available undrilled. Add suffix U to catalog number (example: YA25U).
♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-25

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling						Wire Strip Length
		AWG	*** MM ²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
											BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA25N	1	1/0 AWG	—	1/2"	.81"	1.38"	.11"	3.05"	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16"
YA26	1	2/0 AWG	70	3/8"	.83"	1.50"	.12"	2.77"	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"
YA26N	1			1/2"	.83"	1.50"	.12"	3.21"							
YA27	1	3/0 AWG	—	1/2"	.91"	1.50"	.13"	3.06"	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"
YA28TC38	1	4/0 AWG	—	3/8"	1.02"	1.62"	.14"	2.98"	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-1/16"
YA28	1			1/2"				3.23"							
YA29	1	250 kcmil	—	1/2"	1.11"	1.62"	.16"	3.26"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-1/16"

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Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

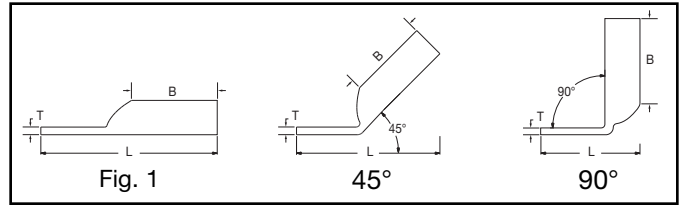
BURNDY®

Copper Compression – Code – Long Barrel – No Inspection Window

C-26

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS		Y35, Y39, Y750, Y46*, PAT750		Color Code
YA30	1	300 kcmil	150	1/2"	1.20"	2.00"	.16"	3.69"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16"
YA31	1	350 kcmil	185	1/2"	1.29"	2.00"	.18"	3.73"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16"
YA32N	1	400 kcmil	—	1/2"	1.38"	2.12"	.19"	4.09"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16"
YA32	1			5/8"	1.38"	2.12"	.19"	4.15"							
YA33	1	450 kcmil	—	5/8"	1.48"	2.13"	.21"	4.24"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16"
YA33N	1			1/2"	1.48"	2.13"	.21"	4.17"							
YA34N	1	500 kcmil	240	1/2"	1.55"	2.25"	.23"	4.32"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16"
YA34	1			5/8"	1.55"	2.25"	.23"	4.39"							
YA35	1	550 kcmil	—	5/8"	1.65"	2.63"	.25"	4.79"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U35RT (4)	Yellow	21	2-11/16,
YA35N	1			1/2"	1.65"	2.63"	.25"	4.73"							
YA36N	1	600 kcmil	300	1/2"	1.69"	2.69"	.27"	4.83"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4"
YA36	1			5/8"	1.69"	2.69"	.27"	4.90"							
YA37	1	650 kcmil	—	5/8"	1.80"	2.81"	.27"	5.05"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U37RT (4)	Orange	23	2-7/8"
YA37N	1			1/2"	1.80"	2.81"	.27"	4.98"							
YA38	1	700 kcmil	—	5/8"	1.84"	2.81"	.27"	5.07"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U38RT (4)	Pink	400	2-7/8"
YA38N	1			1/2"	1.84"	2.81"	.27"	5.01"							
YA39N	1	750 kcmil	—	1/2"	1.89"	2.88"	.27"	5.11"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16"
YA39	1			5/8"	1.89"	2.88"	.27"	5.17"							
YA40	1	800 kcmil	400	5/8"	1.98"	2.94"	.30"	5.25"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P40RT (4) **	Orange	25	3"
YA41	1	850 kcmil	—	5/8"	2.01"	2.94"	.31"	5.26"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	Gold	26	3"
YA41N	1			1/2"	2.01"	2.91"	.31"	5.20"							
YA44	1	1000 kcmil	500	5/8"	2.17"	3.00"	.33"	5.45"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P44RT (4) **	White	27	3-1/16"
YA44N	1			1/2"	2.19"	3.00"	.33"	5.38"							
YA45	1	1250 kcmil	—	3/4"	2.46"	3.19"	.38"	5.93"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P45RT (6) **	Yellow	29	3-1/4"
YA46	1	1500 kcmil	—	3/4"	2.69"	3.19"	.40"	6.04"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P46RT (6) **	Green	31	3-5/16"
YA46N	1			1/2"	2.69"	3.19"	.40"	5.79"							
YA47	1	1750 kcmil	—	3/4"	2.90"	3.44"	.42"	6.38"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	Gray	33	3-1/2"
YA47N	1			1/2"	2.90"	3.44"	.42"	6.13"							
YA48	1	2000 kcmil	—	3/4"	3.10"	3.44"	.46"	6.47"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	Brown	34	3-1/2"
YA48N	1			1/2"	3.10"	3.44"	.46"	6.22"							

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▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory.

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Note: All dimensions shown are for reference only.

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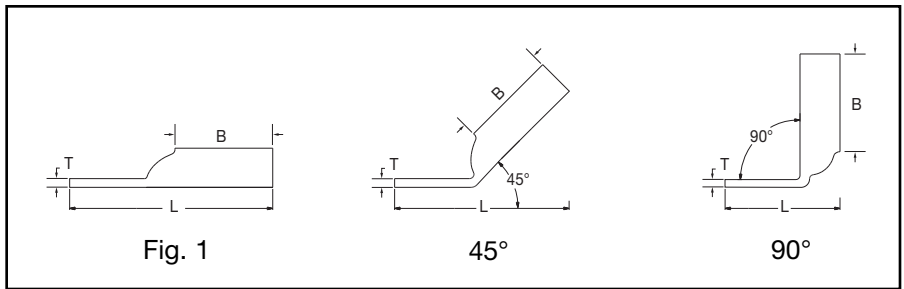
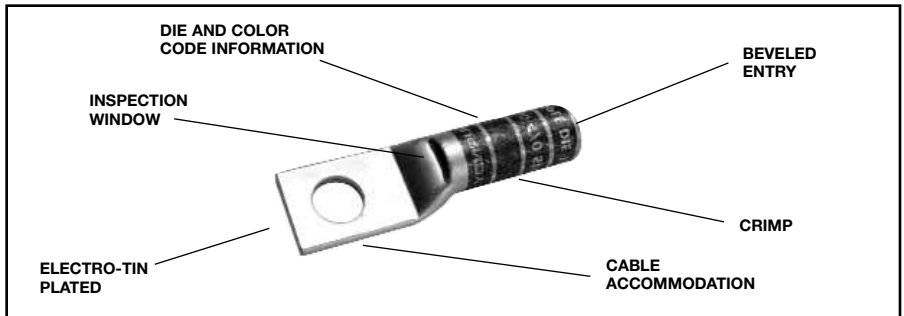
**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW**

TYPE YAZ

**UNINSULATED COPPER
COMPRESSION TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS		Y35, Y39, Y750, Y46*, PAT750	Color Code	
YAZV10TC14	1	#14 - 10 Str #12 - 10 Sol	6	1/4"	.41"	.69"	.05"	1.54"	Y8MRB-1	—	—	—	—	—	3/4"
YAZ8CTC10	1	#8 AWG #8 Weld 37/24 #6 Sol	† 10	#10	.41"	.75"	.08"	1.58"	Y1MRTC (2) MY29-3 (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8"
YAZ8CTC14	1			1/4"	.44"	.75"	.08"	1.71"							
YAZ8CTC38	1			3/8"	.58"	.75"	.06"	1.89"							
YAZ6CTC14	1	#6 AWG	—	1/4"	.45"	1.12"	.08"	2.03"	MRC840 (2) Y644HS (1) Y81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-3/16"
YAZ6CTC38	1			3/8"	.58"	1.12"	.06"	2.22"							
YAZ6CTC12	1			1/2"	.83"	1.12"	.12"	2.65"							
YAZ5CTC12	1	#5 AWG	—	1/2"	.83"	1.12"	.12"	2.68"	Y81KFTMBH (1) PAT81KFT-18V (1)	W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16"
YAZ4CTC14	1	#4 AWG	—	1/4"	.49"	1.12"	.09"	2.05"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16"
YAZ4CTC38	1			3/8"	.58"	1.12"	.08"	2.23"							
YAZ4CTC12	1			1/2"	.73"	1.12"	.06"	2.50"							

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† The MM² conductor size listed is for Class 2 and Class 5 conductor.
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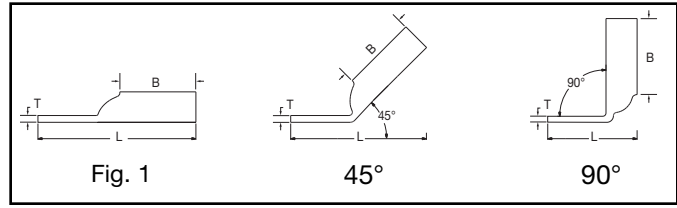
Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – Inspection Window

C-28

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



UL Listed 90° C,
600 Volts to 35 kV ◆

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YAZ3CTC14	1	#3 AWG #2 Sol	25	1/4"	.55"	1.25"	.09"	2.21"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16"
YAZ3CTC38	1			3/8"	.58"	1.25"	.08"	2.39"							
YAZ3CTC12	1			1/2"	.83"	1.25"	.07"	2.83"							
YAZ2CTC14	1	#2 AWG	35	1/4"	.60"	1.25"	.11"	2.23"	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"	
YAZ2CTC38	1			3/8"	.60"	1.25"	.11"	2.41"							
YAZ2CTC12	1			1/2"	.83"	1.25"	.09"	2.85"							
YAZ1CTC14	1	#1 AWG	50	1/4"	.67"	1.38"	.10"	2.39"	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16"	
YAZ1CTC38	1			3/8"	.67"	1.38"	.10"	2.57"							
YAZ1CTC12	1			1/2"	.83"	1.38"	.09"	3.01"							
YAZ25TC14	1	1/0 AWG	—	1/4"	.75"	1.38"	.12"	2.42"	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16"
YAZ25TC516	1			5/16"	.75"	1.38"	.12"	2.47"							
YAZ25TC38	1			3/8"	.75"	1.38"	.12"	2.60"							
YAZ25TC12	1	2/0 AWG	70	1/2"	.83"	1.38"	.12"	3.04"	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"	
YAZ26TC14	1			1/4"	.83"	1.50"	.12"	2.58"							
YAZ26TC38	1			3/8"	.83"	1.50"	.12"	2.76"							
YAZ26TC12	1	3/0 AWG	—	1/2"	.83"	1.50"	.12"	3.2"	W27RT (4) W27VT (4) X27RT (6)	W27RT (4) W27VT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"	
YAZ27TC38	1			3/8"	.90"	1.50"	.12"	2.8"							
YAZ27TC12	1			1/2"	.91"	1.5"	0.12"	3.23"							
YAZ28TC38	1	4/0 AWG	—	3/8"	1.02"	1.62"	0.14"	2.99"	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"	
YAZ28TC12	1			1/2"	1.02"	1.62"	0.14"	3.40"							
YAZ29TC38	1	250 kcmil	—	3/8"	1.10"	1.62"	0.16"	2.99"	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-11/16"	
YAZ29TC12	1			1/2"	1.10"	1.62"	0.16"	3.43"							

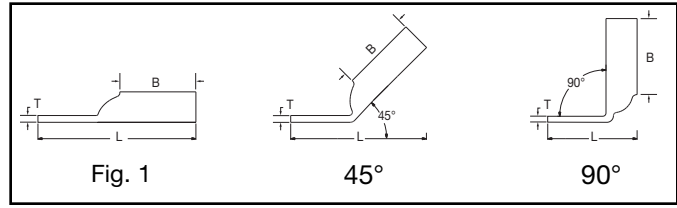
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings.

• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW**
(Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index		
											BCT500HS, Y500C7HS	Y35, Y39, Y750, Y46*, PAT750				
YAZ30TC38	1	300 kcmil	150	3/8"	1.20"	2"	.16"	3.42"	Y644HS (1)	W30VT (4)	W30RT (4)	U30RT (4)	White	17 or 298	2-1/16"	
YAZ30TC12	1			1/2"	1.20"	2"	.16"	3.85"		W31VT (4)	W31RT (4)	U31RT (4)				
YAZ31TC38	1	350 kcmil	185	3/8"	1.29"	2"	0.18	3.45"	Y81KFT (3)	W31VT (4)	W31RT (4)	U31RT (4)	Red	18 or 324	2-1/16"	
YAZ31TC12	1			1/2"	1.29"	2"	0.18	3.89"								W32VT (4)
YAZ32TC38	1	400 kcmil	—	3/8"	1.40"	2.12"	.19"	3.62"	PAT81KFT-18V (3)	W32VT (4)	W32RT (4)	U32RT (4)	Blue	19 or 470	2-3/16"	
YAZ32TC12	1			1/2"	1.40"	2.12"	.19"	4.06"								W33VT (4)
YAZ33TC12	1	450 kcmil	—	1/2"	1.48"	2.12"	.21"	4.14"	Y644HS (1)	W34VT (4)	W34RT (4)	U34RT (4)	Brown	20 or 299	2-5/16"	
YAZ34TC38	1	500 kcmil	240	3/8"	1.55"	2.25"	.23"	3.85"	Y81KFT (4)	W34VT (4)	W34RT (4)	U31ART (4)	Yellow	21	2-11/16"	
YAZ34TC12	1			1/2"	1.55"	2.25"	.23"	4.29"								—
YAZ35TC12	1	550 kcmil	—	1/2"	1.65"	2.62"	.25"	4.7"	PAT81KFT-18V (4)	—	—	U36RT (4)	Green	22 or 472	2-3/4"	
YAZ36TC38	1	600 kcmil	300	3/8"	1.74"	2.69"	.26"	4.55"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U36RT (4)	Green	22 or 472	2-3/4"	
YAZ36TC12	1	600 kcmil	300	1/2"	1.74"	2.69"	.26"	4.80"		—	—	U37RT (4)	Orange	23	2-7/8"	
YAZ37TC12	1	650 kcmil	—	1/2"	1.80"	2.81"	.27"	4.95"		—	—	U38RT (4)	Pink	400	2-7/8"	
YAZ38TC12	1	700 kcmil	—	1/2"	1.84"	2.81"	.27"	4.97"		Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16"
YAZ39TC38	1	750 kcmil	—	3/8"	1.91"	2.88"	.27"	4.82"								
YAZ39TC12	1			1/2"	1.91"	2.88"	.27"	5.07"								
YAZ39NT12	1	750 kcmil	—	1/2"	1.63"	2.88"	.27"	5.07"		PAT81KFT-18V (4)	—	—	P40RT (4) **	Orange	25	3"
YAZ40TC12	1	800 kcmil	400	1/2"	1.98"	2.94"	.30"	5.14"								
YAZ41TC12	1	850 kcmil	—	1/2"	2.01"	2.94"	.31"	5.16"		—	—	—	Gold	26	3"	
YAZ44TC38	1	1000 kcmil	500	3/8"	2.19"	3.00"	.33"	5.09"		—	—	—	P44RT (4) **	White	27	3-1/16"
YAZ44TC12	1			1/2"	2.19"	3.00"	.33"	5.33"								
YAZ45TC12	1	1250 kcmil	—	1/2"	2.46"	3.19"	.38"	5.63"	—	—	—	P45RT (6) **	Yellow	29	3-1/4"	
YAZ453TC12	1	1300 kcmil	—	1/2"	2.53"	3.19"	.39"	5.66"	—	—	—	—	Orange	30	2-1/16"	
YAZ46TC12	1	1500 kcmil	—	1/2"	2.69"	3.19"	.40"	5.73"	—	—	—	P46RT (6) **	Green	31	3-5/16"	
YAZ47TC12	1	1750 kcmil	—	1/2"	2.90"	3.44"	.42"	6.07"	—	—	—	—	Gray	33	3-1/2"	
YAZ48TC12	1	2000 kcmil	—	1/2"	3.10"	3.44"	.46"	6.14"	—	—	—	—	Brown	34	3-1/2"	

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Compression Connections

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Copper Compression – Code – Inspection Window

C-30

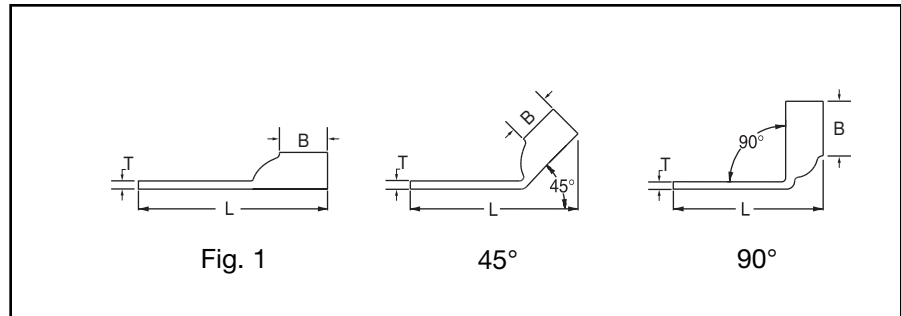
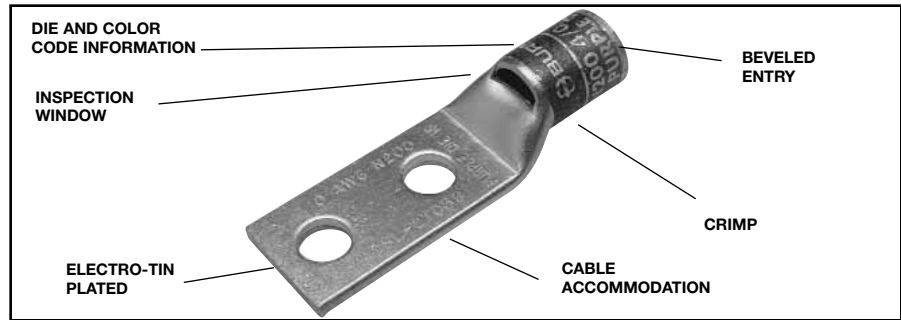
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

TYPES YAV-2TC, YA-L2L,
YA-2LN, AND YA-L-2TC

COPPER COMPRESSION
TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ♦

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750	Color Code		Die Index
YAV10-2TC10	1	#14-10 Str. #12-10 Sol.	6	# 10	5/8"	.38"	.38"	.06"	1.72"	Y8MRB-1 (1)	—	—	—	—	—	7/16"
YAV10-2TC14	1			1/4"	5/8"	.47"	.38"	.06"	1.84"							
YAV10-2TC14E1	1			1/4"	1"	.47"	.38"	.05"	2.22"							
YAV10-2TC14E2	1			1/4"	3/4"	.47"	.38"	.05"	1.97"							
YAV10-2TC38	1			3/8"	1"	.56"	.38"	.04"	2.40"							
YA8CL-2TC10	1	#8 AWG #8 Weld 37/24 #6 Sol.	† 10	# 10	5/8"	.41"	.44"	.08"	1.83"	Y1MRTC (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	1/2"
YA8CL-2TC10E2	1			# 10	3/4"	.41"	.44"	.08"	1.95"	Y8MRB-1 (1)						
YA8CL-2TC14	1			1/4"	5/8"	.44"	.44"	.08"	1.95"	MY29-3 (1)						
YA8CL-2TC14E1	1			1/4"	1"	.44"	.44"	.08"	2.33"	MY29-11 (1)						
YA8CL-2TC14E2	1			1/4"	3/4"	.44"	.44"	.08"	2.08"	MRC840 (1)						
YA8CL-2TC38	1			3/8"	1"	.57"	.44"	.06"	2.52"	Y81KFT (1)						
YA8C-2LN	1			1/2"	1-3/4"	.83"	.44"	.12"	3.75"	Y81KFTMBH (1)						
YA6C-2L	1			1/4"	5/8"	.45"	.54"	.08"	2.01"	PAT81KFT-18V (1)						
YA6C-2LN	1			1/2"	1-3/4"	.81"	.54"	.12"	3.87"							
YA6CL-2TC10	1			# 10	5/8"	.42"	.54"	.09"	1.94"	Y1MRTC (1)						
YA6CL-2TC14	1	1/4"	5/8"	.45"	.54"	.08"	2.07"	MY29-3 (1)								
YA6CL-2TC14E	1	1/4"	1"	.45"	.54"	.08"	2.44"	MY29-11 (1)								
YA6CL-2TC14E1	1	1/4"	3/4"	.44"	.54"	.08"	2.19"	MRC840 (1)								
YA6CL-2TC14E2	1	1/4"	3/4"	.44"	.54"	.08"	2.19"	Y81KFT (1)								
YA6CL-2TC38	1	3/8"	1"	.63"	.54"	.06"	2.63"	Y81KFTMBH (1)								
YA6C-2L51	1	# 10	1/2"	.42"	.54"	.09"	1.79"	Y81KFTMBH (1)								
YA6CL-2TC516	1	5/16"	1"	.52"	.54"	.07"	2.51"	PAT81KFT-18V (1)								
YA6CL-2TC516E2	1	5/16"	3/4"	.52"	.54"	.07"	2.26"									
YA6C-2L52	1	1/4"	1/2"	.45"	.54"	.08"	1.88"									
YA5C-2L	1	5 AWG	—	1/4"	5/8"	.44"	.81"	.07"	2.28"							7/8"

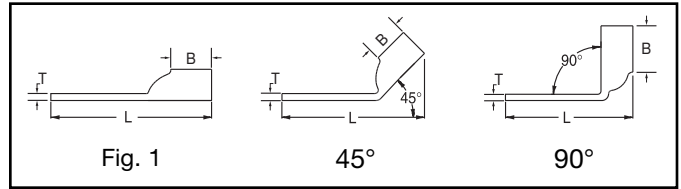
-- Color code not assigned.
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size referenced here is for both Class 2 and Class 5.

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Note: All dimensions shown are for reference only.

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**TWO HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA4C-2L	1	4 AWG	—	1/4"	5/8"	.49"	.81"	.09"	2.30"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8"
YA4CL-2TC14	1			1/4"	5/8"	.49"	.81"	.09"	2.36"							
YA4CL-2TC38	1			3/8"	1"	.58"	.81"	.08"	2.96"							
YA4CL-2TC14E1	1			1/4"	1"	.49"	.81"	.09"	2.74"							
YA4C-2LN	1	4 AWG	—	1/2"	1-3/4"	.83"	.81"	.12"	4.14"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8"
YA4CL-2TC14E2	1			1/4"	3/4"	.49"	.81"	.09"	2.49"							
YA4CL-2TC516	1			5/16"	1"	.52"	.81"	.09"	2.80"							
YA3CL-2TC14	1	3 AWG #2 Sol.	25	1/4"	5/8"	.55"	.81"	.09"	2.45"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16"
YA3C-2L	1			5/16"	5/8"	.55"	.88"	.09"	2.64"							
YA3CL-2TC38	1			3/8"	1"	.58"	.88"	.08"	3.06"							
YA2C-2L	1	2 AWG	35	5/16"	3/4"	.60"	.88"	.11"	2.67"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16"
YA2C-2LN	1			1/2"	1-3/4"	.83"	.88"	.11"	4.27"							
YA2CL-2TC14	1			1/4"	5/8"	.60"	.88"	.11"	2.47"							
YA2CL-2TC14E1	1			1/4"	1"	.60"	.88"	.11"	2.85"							
YA2CL-2TC14E2	1	1/4"	3/4"	.60"	.88"	.11"	2.60"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16"		
YA2CL-2TC38	1	3/8"	1"	.60"	.88"	.11"	3.03"									
YA2CL-2TC516	1	5/16"	1"	.60"	.88"	.11"	2.91"									
YA1C-2LN	1	1 AWG	50	1/2"	1-3/4"	.81"	.88"								.12"	4.32"
YA1C-2L	1			5/16"	7/8"	.68"	.88"	.10"	2.82"							
YA1CL-2TC14	1			1/4"	5/8"	.68"	.88"	.10"	2.51"							
YA1CL-2TC14E2	1			1/4"	3/4"	.68"	.88"	.10"	2.64"							
YA1CL-2TC38	1	—	—	3/8"	1	.68"	.88"	.10"	3.07"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1)	X1CRT-1 (1)	U1CRT (1)	Green	11	15/16"
YA25-2L	1	5/16"	7/8"	.75"	.88"	.12"	2.85"									
YA25-2LN	1	1/2"	1-3/4"	.83"	.88"	.11"	4.29"									
YA25L-2TC14	1	1/4"	5/8"	.75"	.88"	.12"	2.64"									
YA25L-2TC14E1	1	1/0 AWG	—	1/4"	1"	.75"	.88"	.12"	3.01"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16"
YA25L-2TC14E2	1			1/4"	3/4"	.75"	.88"	.12"	2.66"							
YA25L-2TC38	1			3/8"	1"	.75"	.88"	.12"	3.10"							
YA26-2L	1	2/0 AWG	70	5/16"	7/8"	.83"	.94"	.12"	2.95"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1"
YA26-2LN	1			1/2"	1-3/4"	.83"	.94"	.12"	4.39"							
YA26L-2TC14	1			1/4"	5/8"	.83"	.94"	.12"	2.64"							
YA26L-2TC14E1	1			1/4"	1"	.83"	.94"	.12"	3.01"							
YA26L-2TC14E2	1	1/4"	3/4"	.83"	.94"	.12"	2.76"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"		
YA26L-2TC38	1	3/8"	1"	.83"	.94"	.12"	3.20"									
YA27-2LN	1	1/2"	1-3/4"	.91"	1.00"	.13"	4.48"									
YA27L-2TC14E2	1	3/0 AWG	—	1/4"	3/4"	.91"	1.00"	.12"	2.86"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"
YA27L-2TC38	1			3/8"	1"	.91"	1.00"	.12"	3.30"							

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.

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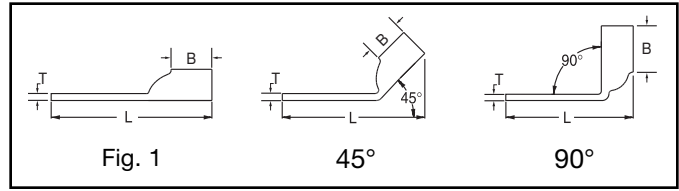
Compression Connections

BURNDY®

Copper Compression – Code – Inspection Window

C-32

TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



UL Listed 90° C,
600 Volts to 35 kV ♦

45° and 90° angles are available.
Please contact Customer Service to order:
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Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA28L-2NTC516	1	4/0 AWG	—	5/16"	1-3/4"	1.02"	.88"	.14"	3.84"	MY29-3 (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"
YA28-2LN	1			1/2"	1-3/4"	1.02"	.88"	.14"	4.41"	MY29-11 (1)						
YA28L-2TC14E1	1			1/4"	1"	1.02"	.88"	.14"	3.03"	MRC840 (2)						
YA28L-2TC14E2	1			1/4"	3/4"	1.02"	.88"	.14"	2.78"	Y644HS (1)						
YA28L-2TC38E2	1			3/8"	3/4"	1.02"	.88"	.14"	2.97"	Y81KFT (1)						
YA28L-2TC38	1			3/8"	1"	1.02"	.88"	.14"	3.22"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA29-2LN	1	250 kcmil	—	1/2"	1-3/4"	1.11"	1.06"	.16"	4.62"	MY29-3 (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8"
YA29L-2TC38	1			3/8"	1"	1.11"	1.06"	.16"	3.45"	MY29-11 (1)						
YA30-2LN	1	300 kcmil	150	1/2"	1-3/4"	1.20"	1.03"	.16"	4.63"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1"
YA30L-2TC-38	1			3/8"	1"	1.20"	1.03"	.16"	3.45"							
YA31-2LN	1	350 kcmil	185	1/2"	1-3/4"	1.29"	1.06"	.18"	4.70"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8"
YA31L-2TC12	1			1/2"	1-1/4"	1.29"	1.06"	.18"	4.01"							
YA31L-2TC14E2	1			1/4"	3/4"	1.29"	1.06"	.18"	3.07"							
YA31L-2TC38	1			3/8"	1"	1.29"	1.06"	.18"	3.51"							
YA31L-2NTC516	1			5/16"	1-3/4"	1.29"	1.06"	.18"	4.13"							
YA32-2LN	1			400 kcmil	—	1/2"	1-3/4"	1.38"	1.19"							
YA32L-2TC38E5	1	3/8"	1-1/16"			1.40"	1.19"	.19"	3.75"							
YA32L-2TC38	1	3/8"	1"			1.38"	1.19"	.19"	3.69"							
YA32-2L	1	3/8"	1"			1.40"	1.19"	.19"	3.75"							
YA33-2LN	1	450 kcmil	—	1/2"	1-3/4"	1.48"	1.50"	.21"	5.23"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326 or 538	1-9/16"
YA34-2LN	1	500 kcmil	240	1/2"	1-3/4"	1.52"	1.27"	.23"	5.06"							
YA34L-2TC12	1			1/2"	1-1/4"	1.52"	1.27"	.23"	4.38"							
YA34L-2TC14E2	1			1/4"	3/4"	1.52"	1.27"	.23"	3.44"							
YA34L-2TC38	1			3/8"	1"	1.52"	1.27"	.23"	3.88"							
YA34-2L	1	550 kcmil	—	3/8"	1"	1.55"	1.27"	.23"	3.94"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16"
YA35-2L	1			3/8"	1-1/8"	1.65"	1.69"	.25"	4.64"							
YA35-2LN	1	600 kcmil	300	1/2"	1-3/4"	1.65"	1.69"	.25"		Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U35RT (2)	Yellow	21	1-3/4"
YA36-2LN	1			1/2"	1-3/4"	1.74"	1.38"	.27"	4.36"							
YA36L-2TC38	1	650 kcmil	—	3/8"	1"	1.73"	1.38"	.27"	4.23"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U36RT (2) U32ART (2)	Green	22	1-3/4"
YA37-2L	1			3/8"	1-1/8"	1.80"	1.39"	.27"	4.40"							
YA37-2LN	1	650 kcmil	—	1/2"	1-3/4"	1.80"	1.39"	.27"	5.27"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U37RT (2)	Orange	23	1-15/16"
YA37-2L	1			1/2"	1-3/4"	1.80"	1.39"	.27"	5.27"							

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.
♦ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.

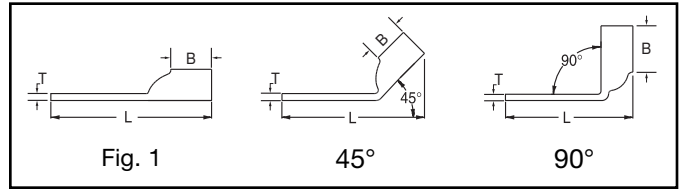
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-33



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index		
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YA38-2L	1	700 kcmil	—	3/8"	1-1/8"	1.84"	1.45"	.27"	4.48"	Y644HS (1)	—	—	U38RT (2)	Pink	400	1-15/16"	
YA38-2LN	1			1/2"	1-3/4"	1.81"	1.45"	.27"	5.35"	Y81KFT (1)							
YA38L-2TC12	1			1/2"	1-1/2"	1.81"	1.45"	.27"	4.67"	Y81KFTMBH (1)							
YA38L-2TC38	1			3/8"	1"	1.81"	1.45"	.27"	4.35"	PAT81KFT-18V (1)							
YA39-2L	1	750 kcmil	—	3/8"	1-1/8"	1.91"	1.42"	.27"	4.48"	Y644HS (1)	—	—	U39RT (2) P39RT (2) **	Black	24	1-15/16"	
YA39-2LN	1			1/2"	1-3/4"	1.89"	1.42"	.27"	5.36"								Y81KFT (2)
YA39L-2TC12E3	1			1/2"	1-1/2"	1.89"	1.42"	.27"	4.92"								Y81KFTMBH (2)
YA39L-2TC38	1			3/8"	1"	1.89"	1.42"	.27"	4.36"								PAT81KFT-18V (2)
YA39L-2TC58	1	800 kcmil	400	5/8"	1-1/2"	1.89"	1.42"	.27"	5.17"	Y81KFTMBH (2)	—	—	P40RT (3) **	Orange	25	1-15/16"	
YA40-2L	1			3/8"	1-1/8"	1.98"	1.42"	.30"	4.63"								Y81KFTMBH (2)
YA40-2LN	1	850 kcmil	—	1/2"	1-3/4"	1.89"	1.42"	.30"	5.51"	PAT81KFT-18V (2)	—	—	—	Gold	26	1-15/16"	
YA40L-2TC38	1			3/8"	1"	1.95"	1.42"	.30"	4.51"								Y81KFTMBH (2)
YA41-2L	1	1000 kcmil	500	3/8"	1-1/8"	2.01"	1.88"	.31"	4.97"	PAT81KFT-18V (2)	—	—	P44RT (3) **	White	27	1-15/16"	
YA44-2LN	1			1/2"	1-3/4"	2.17"	1.65"	.33"	5.74"								Y81KFTMBH (2)
YA44-2L	1			1/2"	1-1/4"	2.19"	1.65"	.33"	5.24"								Y81KFTMBH (2)
YA44L-2TC12	1			1/2"	1-1/4"	2.17"	1.65"	.33"	5.05"								

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Code – Two Hole Narrow Tongue – Inspection Window

C-34

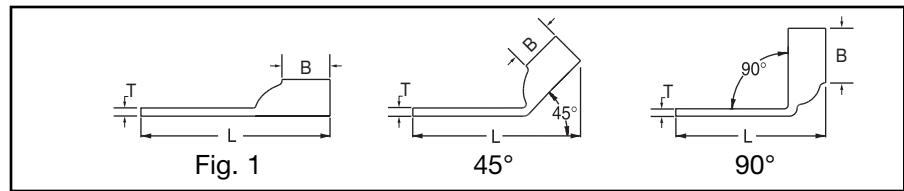
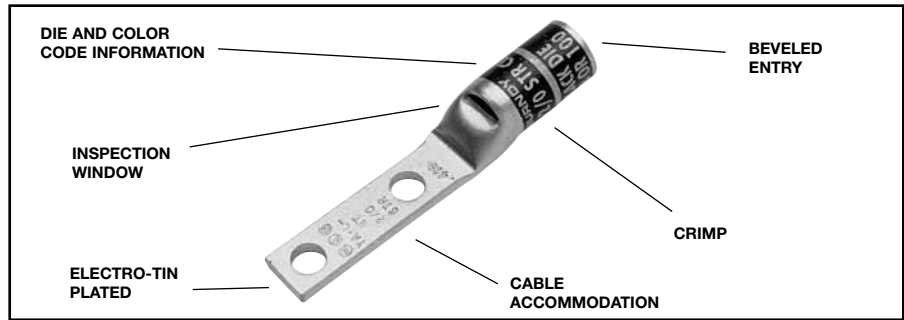
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPES YA-L-2NT

COPPER COMPRESSION
TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length		
		AWG	MM ²				(B)	(T)	(L)		Mechanical		Hydraulic			Color Code	Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750				
YA2CL2NT14	1	#2 AWG	35	1/4"	5/8"	.48"	.88"	.11"	2.47"	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	15/16"		
YA2CL2NT14E2	1			1/4"	3/4"	.48"	.88"	.11"	2.60"								
YA2CL2NT14E1	1			1/4"	1"	.48"	.88"	.11"	2.84"								
YA1CL2NT14	1	#1 AWG	50	1/4"	5/8"	.50"	.88"	.11"	2.55"	W1CVT (1)	W1CRT (1)	U1CRT (1)	Green	11	15/16"		
YA1CL2NT14E2	1			1/4"	3/4"	.50"	.88"	.10"	2.68"								
YA25L2NT14	1	1/0 AWG	—	1/4"	5/8"	.48"	.88"	.10"	2.56"	W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	15/16"		
YA25L2NT14E1	1			1/4"	1"	.48"	.88"	.12"	3.28"								
YA26L2NT14	1	2/0 AWG	70	1/4"	5/8"	.48"	.94"	.12"	2.66"	W26VT (2)	W26VT (2) X26RT (2)	U26RT (1)	Black	13	1"		
YA26L2NT14E1	1			1/4"	1"	.48"	.94"	.12"	3.03"								

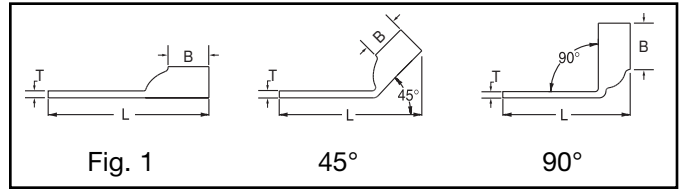
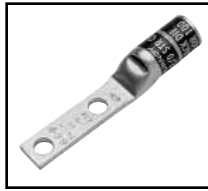
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL
NARROW TONGUE
(Continued)**



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM²				(B)	(T)	(L)	Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
												Y35, Y39, Y750, Y46*, PAT750				
YA27L2NT14	1	3/0 AWG	—	1/4"	5/8"	.76"	1.00"	.13"	2.73"	MY29-3 (1) MY29-11 (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"
YA27L2NT38	1			3/8"	1"	.60"	1.00"	.13"	3.30"	MRC840 (2) Y644HS (1) Y81KFT (1)						
YA27LENT516	1			5/16"	1"	.60"	1.00"	.13"	3.11"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA28L2NT14	1	4/0 AWG	—	1/4"	5/8"	.76"	.88"	.13"	2.65"	Y81KFTMBH (1) PAT81KFT-18V (1)	W27RT (2)	W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"
YA29L2NT38	1	250 kcmil	—	3/8"	1"	.80"	1.00"	.16"	3.43"	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (1)	W29VT (2) X29RT (2)	W29VT (2) W29RT (2) X29RT (2)	U29RT (1)	Yellow	16	1-1/8"
YA29L2NT38E16	1			3/8"	1-3/4"	.80"	1.06"	.16"	4.18"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA31L2NT38	1	350 kcmil	185	3/8"	1"	.96"	1.06"	.18"	3.51"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8"
YA31L2NT38E16	1			3/8"	1-3/4"	.88"	1.06"	.18"	4.26"							
YA34L2NT38	1	500 kcmil	240	3/8"	1"	.96"	1.27"	.23"	3.65"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W34VT (4)	W34VT (4)	U34RT (2)	Brown	20 or 22	1-7/16"
YA34L2NT38E16	1			3/8"	1-3/4"	.96"	1.27"	.23"	4.63"							
YA34L2NTE1	1			1/2"	1"	.96"	1.27"	.23"	4.13"							
YA36L2NNT	1	600 kcmil	300	1/2"	1-3/4"	1.12"	1.38"	.27"	5.43"	—	—	U36RT (2)	Green	472	1-3/4"	
YA39L2NT38	1	750 kcmil	—	3/8"	1"	1.63"	1.42"	.27"	4.34"	—	—	U39RT (2)	Black	24	1-1/2"	
YA39L2NT38E16	1			3/8"	1-3/4"	1.30"	1.42"	.27"	5.11"							
YA39L2NT12E1	1			1/2"	1"	1.30"	1.42"	.27"	4.42"							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – No Inspection Window

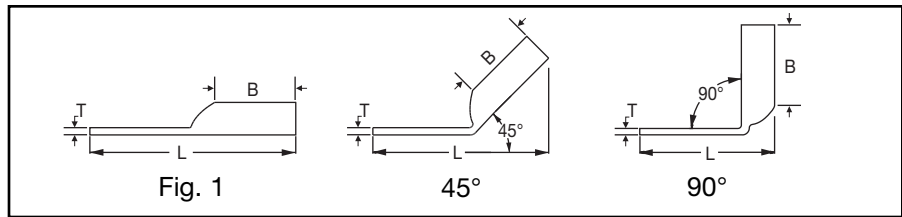
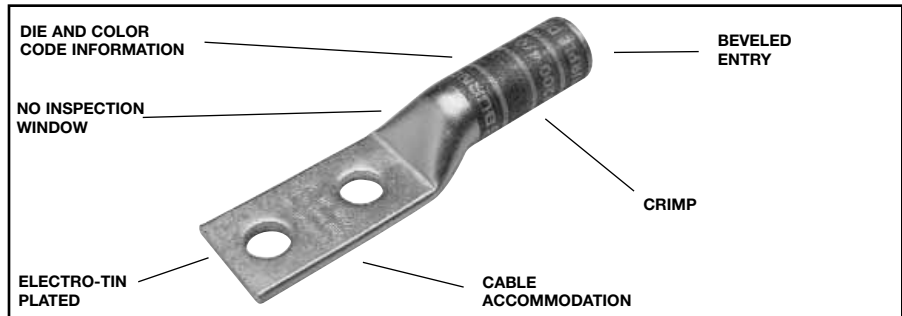
C-36

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL

TYPES YA-2N, YA-2TC, YA-4N

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor			Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length				
		AWG	MM ²	†				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index			
												MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750							
YA8C2TC14	1	#8 Str. #6 Sol. 37/24	† 10	1/4"	5/8"	.40"	.81"	.08"	2.33"	Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (1)	Red	49	1"					
YA8C2TC14E2	1						1/4"	3/4"	.41"	.81"	.08"	2.45"									
YA8C2TC38	1						3/8"	1"	.73"	.81"	.06"	2.89"									
YA6C2N	1	#6 AWG	—	1/2"	1-3/4"	.81"	1.12"	.12"	4.40"	Y1MRTC (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2)	W5CVT (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16"				
YA6C2TC14	1						1/4"	5/8"	.45"	1.12"		.08"	2.65"					MY29-3 (2)			
YA6C2TC14E1	1						1/4"	1"	.45"	1.12"		.08"	3.03"					MY29-11 (2)			
YA6C2TC14E2	1						1/4"	3/4"	.45"	1.12"		.08"	2.78"					MRC840 (2)			
YA6C2TC38	1						3/8"	1"	.63"	1.12"		.06"	3.22"					Y81KFT (1)			
YA6C2TC38E2	1						3/8"	3/4"	.63"	1.12"		.06"	2.97"					Y81KFTMBH (1)			
YA6C2TC38E6	1						3/8"	7/8"	.63"	1.12"		.06"	3.09"					PAT81KFT-18V (1)			
YA5C2N	1	#5 AWG	—	1/2"	1-3/4"	.83"	1.12"	.12"	4.43"	MY29-3 (2) MY29-1 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	1-3/16"					
YA4C2N	1	#4 AWG	—	1/2"	1-3/4"	.81"	1.12"	.12"	4.45"	Y1MRTC (4)	W4CVT (2)	W4CVT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"					
YA4C2TC14	1						1/4"	5/8"	.50"	1.12"	.09"	2.70"					MY29-3 (2)	W4CRT (2)	W4CRT (2)		
YA4C2TC14E2	1						1/4"	3/4"	.50"	1.12"	.09"	2.83"					MY29-11 (2)	X4CRT (2)	X4CRT (2)		
YA4C2TC38	1						3/8"	1"	.56"	1.12"	.08"	3.26"					MRC840 (2)				
YA3C2N	1						1/2"	1-3/4"	.81"	1.25"	.12"	4.62"					Y644HS (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White
YA3C2TC14	1	1/4"	5/8"	.55"	1.25"	.09"	2.87"	Y81KFT (1)													
YA3C2TC14E2	1	1/4"	3/4"	.55"	1.25"	.09"	2.99"	Y81KFTMBH (1)													
YA3C2TC38	1	3/8"	1"	.58"	1.25"	.08"	3.43"	PAT81KFT-18V (1)													
YA3C2TC38E2	1	3/8"	3/4"	.58"	1.25"	.08"	3.18"														

▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.

** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

† The MM² conductor size listed here is for Class 2 and Class 5 conductor.

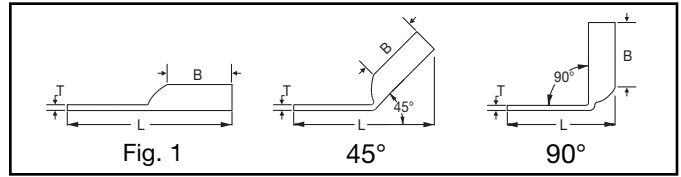
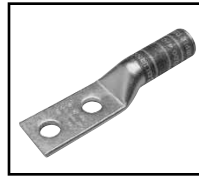
Available undrilled. Add suffix U to catalog number (example: YA25U).

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Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**
(Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750			
YA2C2N	1	#2 AWG	35	1/2"	1-3/4"	.81"	1.25"	.12"	4.64"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"
YA2C2TC14	1			1/4"	5/8"	.60"	1.25"	.11"	2.86"							
YA2C2TC14E2	1			1/4"	3/4"	.60"	1.25"	.11"	2.98"							
YA2C2TC38E2	1			3/8"	3/4"	.60"	1.25"	.11"	3.17"							
YA2C2TC516E2	1			5/16"	3/4"	.60"	1.25"	.11"	3.05"							
YA2C2NTC38	1			3/8"	1-3/4"	.60"	1.25"	.11"	4.17"							
YA2C2TC38	1			3/8"	1"	.60"	1.25"	.11"	3.42"							
YA2C2TC38E6	1			3/8"	7/8"	.60"	1.25"	.11"	3.30"							
YA2C2TC516E2	1			5/16"	3/4"	.60"	1.25"	.11"	3.05"							
YA1C2N	1	#1 AWG	50	1/2"	1-3/4"	.81"	1.38"	.12"	4.82"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-1/2"
YA1C2TC14	1			1/4"	5/8"	.68"	1.38"	.10"	3.03"							
YA1C2TC14E2	1			1/4"	3/4"	.75"	1.38"	.10"	3.15"							
YA1C2TC38	1			3/8"	1"	.68"	1.38"	.10"	3.59"							
YA252N	1	1/0 AWG	—	1/2"	1-3/4"	.81"	1.38"	.11"	4.81"	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16"
YA252TC14	1			1/4"	5/8"	.75"	1.38"	.12"	3.05"							
YA252TC14E2	1			1/4"	3/4"	.75"	1.38"	.12"	3.18"							
YA252TC38	1			3/8"	1"	.75"	1.38"	.12"	3.62"							
YA252TC516	1			5/16"	1"	.75"	1.38"	.12"	3.49"							
YA252NTC38	1			3/8"	1-3/4"	.75"	1.38"	.12"	4.37"							
YA262N	1	2/0 AWG	70	1/2"	1-3/4"	.83"	1.50"	.12"	4.97"	Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"
YA262TC14	1			1/4"	5/8"	.83"	1.50"	.12"	3.22"							
YA262TC14E2	1			1/4"	3/4"	.83"	1.50"	.12"	3.34"							
YA262TC38	1			3/8"	1"	.83"	1.50"	.12"	3.78"							
YA272N	1	3/0 AWG	—	1/2"	1-3/4"	.91"	1.50"	.13"	5.01"	Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"
YA272TC14E2	1			1/4"	3/4"	.91"	1.50"	.12"	3.38"							
YA272TC38	1			3/8"	1"	.90"	1.50"	.12"	3.82"							
YA282N	1	4/0 AWG	—	1/2"	1-3/4"	1.02"	1.62"	.14"	5.17"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"
YA282TC38	1			3/8"	1"	1.02"	1.62"	.14"	3.99"							
YA282TC14E2	1			1/4"	3/4"	1.02"	1.62"	.14"	3.55"							
YA282NTC38	1			3/8"	1-3/4"	1.02"	1.62"	.14"	4.74"							
YA292N	1	250 kcmil	—	1/2"	1-3/4"	1.11"	1.62"	.16"	5.21"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16"
YA292TC38	1			3/8"	1"	1.10"	1.62"	.16"	4.02"							

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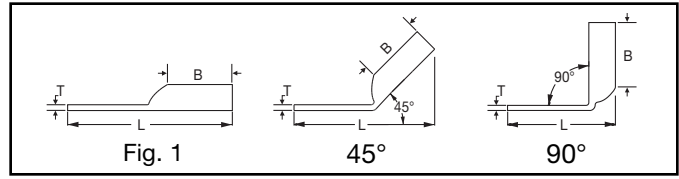
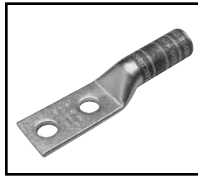
Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – No Inspection Window

C-38

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750				
YA302TC38	1	300 kcmil	150	3/8"	1"	1.20"	2.00"	.16"	4.45"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2"	
YA302N	1			1/2"	1-3/4"	1.20"	2.00"	.16"	5.64"		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16"	
YA312N	1	350 kcmil	185	1/2"	1-3/4"	1.29"	2.00"	.18"	5.68"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19	2-3/16"	
YA312TC14E2	1			3/8"	1"	1.29"	2.00"	.18"	4.49"		W33VT (4)	W33VT (4) W33RT (4)	U33RT	Gray	326 or 538	2-3/16"	
YA312TC38	1	400 kcmil	—	1/2"	1-3/4"	1.38"	2.12"	.19"	5.85"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20	2-1/2"	
YA322N	1			3/8"	1"	1.38"	2.12"	.19"	4.66"		—	—	U35RT (4)	Yellow	21	2-11/16"	
YA322TC38	1	450 kcmil	—	1/2"	1-3/4"	1.48"	2.12"	.21"	5.93"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U36RT (4) U32ART (4)	Green	22	2-3/4"	
YA342N	1			3/8"	1"	1.55"	2.25"	.23"	4.90"		—	—	U37RT (4)	Orange	23	2-7/8"	
YA342TC14E2	1	500 kcmil	240	1/2"	1-3/4"	1.55"	2.25"	.23"	6.06"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U38RT (4)	Pink	400	2-7/8"	
YA342TC38	1			3/8"	1"	1.55"	2.25"	.23"	4.90"		—	—	U39RT (4) P39RT (4)**	Black	24	2-3/4"	
YA352N	1	550 kcmil	—	1/2"	1-3/4"	1.65"	2.63"	.25"	6.49"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P40RT (4)**	Orange	25	3"	
YA362N	1			3/8"	1"	1.74"	2.69"	.26"	5.59"		—	—	—	Gold	26	3"	
YA362TC38	1	600 kcmil	300	1/2"	1-3/4"	1.74"	2.69"	.27"	6.59"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	P44RT (4)**	White	27	3-1/16"	
YA372N	1			3/8"	1"	1.74"	2.69"	.26"	5.59"		—	—	P45RT (6)**	Yellow	29	3-1/4"	
YA372N	1	650 kcmil	—	1/2"	1-3/4"	1.80"	2.81"	.27"	6.74"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	Orange	30	3-1/4"	
YA382N	1			3/8"	1"	1.84"	2.81"	.27"	5.76"		—	—	P46RT (6)**	Green	31	3-1/4"	
YA382TC38	1	700 kcmil	—	1/2"	1-3/4"	1.84"	2.81"	.27"	6.77"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	Gray	33	3-1/2"	
YA392N	1			3/8"	1"	1.84"	2.81"	.27"	5.76"		—	—	—	Brown	34	3-1/2"	
YA392NT38	1	750 kcmil	—	1/2"	1-3/4"	1.91"	2.88"	.27"	6.87"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	
YA392TC38	1			3/8"	1"	1.91"	2.88"	.27"	5.87"		—	—	—	—	—	—	—
YA402N	1	800 kcmil	400	1/2"	1-3/4"	1.95"	2.94"	.30"	6.95	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	
YA412N	1	850 kcmil	—	1/2"	1-3/4"	2.01"	2.94"	.31"	6.96"		—	—	—	—	—	—	—
YA442N	1	1000 kcmil	500	1/2"	1-3/4"	2.17"	3.00"	.33"	7.14"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	
YA442TC38	1			3/8"	1"	2.19"	3.00"	.33"	6.14"		—	—	—	—	—	—	—
YA452N	1	1250 kcmil	—	1/2"	1-3/4"	2.46"	3.19"	.38"	7.44"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	
YA4532N	1	1300 kcmil	—	1/2"	1-3/4"	2.53"	3.19"	.39"	7.48"		—	—	—	—	—	—	—
YA462N	1	1500 kcmil	—	1/2"	1-3/4"	2.67"	3.19"	.40"	7.55"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	
YA472N	1	1750 kcmil	—	1/2"	1-3/4"	2.90"	3.44"	.42"	7.89"		—	—	—	—	—	—	—
YA482N	1	2000 kcmil	—	1/2"	1-3/4"	3.10"	3.44"	.46"	7.98"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	—	—	—	—	

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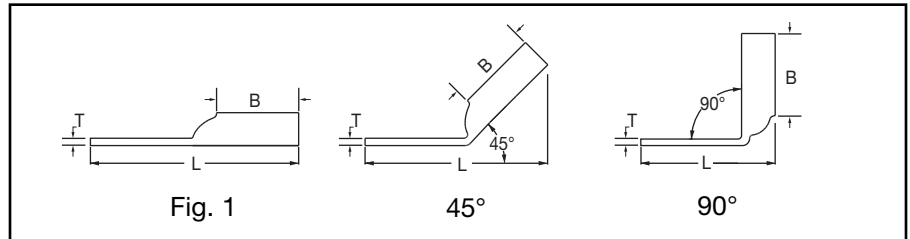
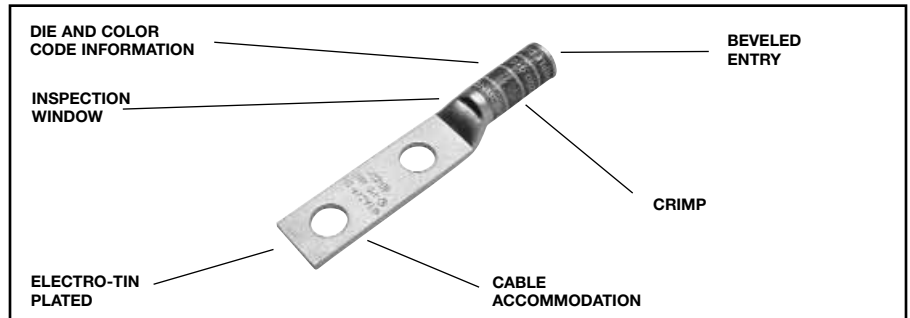
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**TWO HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW**

**TYPES YAZ-2N, YAZ-2TC
COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length								
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index									
												BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750											
YAZV10-2TC14	1	14-10 AWG	6	1/4"	5/8"	.41"	.69"	.05"	2.16"	Y8MRB-1 (2)	—	—	—	—	—	3/4"								
YAZV10-2TC14E2	1			1/4"	3/4"	.41"	.69"	.05"	2.28"		—	—	—	—	—	—	—							
YAZ8C-2TC10	1	#8 Str #6 Sol 37/24	† 10	#10	5/8"	.41"	.75"	.08"	2.20"	Y1MRTC (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8"								
YAZ8C-2TC10E2	1			#10	3/4"	.41"	.75"	.08"	2.33"	Y8MRB-1 (2)														
YAZ8C-2TC14	1			1/4"	5/8"	.44"	.75"	.08"	2.33"	MY29-3 (2)														
YAZ8C-2TC14E2	1			1/4"	3/4"	.44"	.75"	.08"	2.45"	MY29-11 (2)														
YAZ8C-2TC14E1	1			1/4"	1"	.44"	.75"	.08"	2.70"	MRC840 (2)														
YAZ8C-2TC38	1			3/8"	1"	.58"	.75"	.06"	2.89"	Y81KFT (1)														
YAZ6C-2N	1			#6 AWG	—	1/2"	1-3/4"	.83"	1.12"	.12"							4.40"	Y81KFTMBH (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/16"
YAZ6C-2TC10E2	1					#10	3/4"	.42"	1.12"	.09"							2.65"	PAT81KFT-18V (1)						
YAZ6C-2TC14	1	#6 AWG	—	1/4"	5/8"	.45"	1.12"	.08"	2.65"	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/16"								
YAZ6C-2TC14E2	1			1/4"	3/4"	.45"	1.12"	.08"	2.78"															
YAZ6C-2TC14E1	1			1/4"	1"	.45"	1.12"	.08"	3.03"															
YAZ6C-2TC38E2	1			3/8"	3/4"	.58"	1.12"	.06"	2.97"															
YAZ6C-2TC38E6	1			3/8"	7/8"	.58"	1.12"	.06"	3.09"															
YAZ6C-2TC38	1			3/8"	1"	.58"	1.12"	.06"	3.22"															
YAZ5C-2N	1	#5 AWG	—	1/2"	1-3/4"	.83"	1.12"	.12"	4.43"	Y81KFTMBH (1)	W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1/16"								

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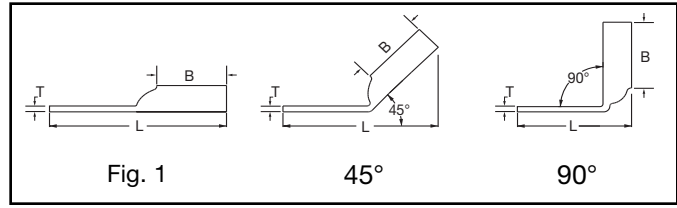
Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – Inspection Window

C-40

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

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Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					
		AWG	MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	Wire Strip Length
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YAZ4C-2N	1	#4 AWG	—	1/2"	1-3/4"	.83"	1.12"	.12"	4.42"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-1/16"
YAZ4C-2TC10-E2	1			#10	3/4"	.49"	1.12"	.09"	2.67"							
YAZ4C-2TC14	1			1/4"	5/8"	.49"	1.12"	.09"	2.67"							
YAZ4C-2TC14E2	1			1/4"	3/4"	.49"	1.12"	.09"	2.80"							
YAZ4C-2TC38	1			3/8"	1"	.58"	1.12"	.08"	3.01"							
YAZ3C-2N	1	#3 AWG #2 Sol	25	1/2"	1-3/4"	.83"	1.25"	.12"	4.58"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16"
YAZ3C-2TC14	1			1/4"	5/8"	.55"	1.25"	.09"	2.83"							
YAZ3C-2TC14E2	1			1/4"	3/4"	.55"	1.25"	.09"	2.95"							
YAZ3C-2TC38E2	1			3/8"	3/4"	.58"	1.25"	.08"	3.14"							
YAZ3C-2TC38	1	#3 AWG #2 Sol	25	3/8"	1"	.58"	1.25"	.08"	3.39"		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16"
YAZ2C-2N	1	#2 AWG	35	1/2"	1-3/4"	.83"	1.25"	.12"	4.60"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"
YAZ2C-2TC10E2	1			#10	3/4"	.60"	1.25"	.11"	2.85"							
YAZ2C-2TC14	1			1/4"	5/8"	.60"	1.25"	.11"	2.85"							
YAZ2C-2TC14E2	1			1/4"	3/4"	.60"	1.25"	.11"	2.97"							
YAZ2C-2TC14E1	1			1/4"	1"	.60"	1.25"	.11"	3.22"							
YAZ2C-2TC516E2	1			5/16"	3/4"	.60"	1.25"	.11"	3.03"							
YAZ2C-2TC38E2	1			3/8"	3/4"	.60"	1.25"	.11"	3.16"							
YAZ2C-2TC38E6	1			3/8"	7/8"	.60"	1.25"	.11"	3.28"							
YAZ2C-2TC38	1			3/8"	1"	.60"	1.25"	.11"	3.41"							
YAZ2C-2NTC38	1			3/8"	1-3/4"	.60"	1.25"	.11"	4.16"							
YAZ1C-2N	1	#1 AWG	50	1/2"	1-3/4"	.83"	1.38"	.12"	4.76"	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16"	
YAZ1C-2TC14	1			1/4"	5/8"	.67"	1.38"	.10"	3.01"							
YAZ1C-2TC14E2	1			1/4"	3/4"	.67"	1.38"	.10"	3.13"							
YAZ1C-2TC38	1			3/8"	1"	.67"	1.38"	.10"	3.57"							
YAZ25-2N	1	1/0 AWG	—	1/2"	1-3/4"	.83"	1.38"	.11"	4.79"	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) W25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16"
YAZ25-2TC14	1			1/4"	5/8"	.75"	1.38"	.12"	3.04"							
YAZ25-2TC14E2	1			1/4"	3/4"	.75"	1.38"	.12"	3.16"							
YAZ25-2TC14E1	1			1/4"	1"	.75"	1.38"	.12"	3.41"							
YAZ25-2TC516E6	1			5/16"	7/8"	.75"	1.38"	.12"	3.35"							
YAZ25-2TC516	1			5/16"	1"	.75"	1.38"	.12"	3.47"							
YAZ25-2TC38	1			3/8"	1"	.75"	1.38"	.12"	3.60"							
YAZ25-2NTC38	1			3/8"	1-3/4"	.75"	1.38"	.12"	4.35"							

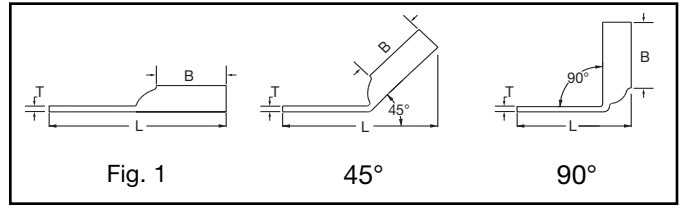
▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW**
(Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM ²				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAZ26-2N	1	2/0 AWG	70	1/2"	1-3/4"	.83"	1.50"	.12"	4.95"	MY29-3 (2) MY29-11 (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"	
YAZ26-2TC14	1			1/4"	5/8"	.83"	1.50"	.12"	3.20"								
YAZ26-2TC14E2	1			1/4"	3/4"	.83"	1.50"	.12"	3.32"								
YAZ26-2TC38	1			3/8"	1"	.83"	1.50"	.12"	3.76"								
YAZ27-2N	1	3/0 AWG	—	1/2"	1-3/4"	.91"	1.50"	.13"	4.98"	MRC840 (4) Y644HS (1) Y81KFT (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"	
YAZ27-2TC14E2	1			1/4"	3/4"	.90"	1.50"	.12"	3.36"								
YAZ27-2TC38	1			3/8"	1"	.90"	1.50"	.12"	3.80"								
YAZ28-2N	1	4/0 AWG	—	1/2"	1-3/4"	1.02"	1.62"	.14"	5.15"	Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"	
YAZ28-2TC14E2	1			1/4"	3/4"	1.02"	1.62"	.14"	3.55"								
YAZ28-2TC38	1			3/8"	1"	1.02"	1.62"	.14"	3.99"								
YAZ28-2NTC38	1			3/8"	1-3/4"	1.02"	1.62"	.14"	4.74"								
YAZ29-2N	1	250 kcmil	—	1/2"	1-3/4"	1.10"	1.62"	.16"	5.18"	MY29-3 (2) MY29-11(2) Y644HS (1) Y81KFT (2)	W29VT (4) X29RT (8)	X29RT (8) W29RT (4)	U29RT (2)	Yellow	16	1-11/16"	
YAZ29-2TC38	1			3/8"	1"	1.10"	1.62"	.14"	3.99"								
YAZ30-2N	1	300 kcmil	150	1/2"	1-3/4"	1.20"	2.00"	.16"	5.60"	Y644HS (1) Y81KFT (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16"	
YAZ30-2TC38	1			3/8"	1"	1.20"	2.00"	.16"	4.42"								
YAZ31-2N	1	350 kcmil	185	1/2"	1-3/4"	1.29"	2.00"	.18"	5.64"	Y81KFTMBH (3) PAT81KFT-18V (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16"	
YAZ31-2TC14E2	1			1/4"	3/4"	1.29"	2.00"	.18"	4.02"								
YAZ31-2TC38	1			3/8"	1"	1.29"	2.00"	.18"	4.45"								
YAZ32-2N	1	400 kcmil	—	1/2"	1-3/4"	1.40"	2.12"	.19"	5.81"	PAT81KFT-18V (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-1/16"	
YAZ32-2TC38	1			3/8"	1"	1.40"	2.12"	.19"	4.62"								
YAZ33-2N	1	450 kcmil	—	1/2"	1-3/4"	1.48"	2.13"	.21"	5.89"	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16"		
YAZ34-2N	1	500 kcmil	240	1/2"	1-3/4"	1.55"	2.25"	.23"	6.04"	Y644HS (1) Y81KFT (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16"	
YAZ34-2TC14E2	1			1/4"	3/4"	1.55"	2.25"	.23"	4.42"								
YAZ34-2TC38	1			3/8"	1"	1.55"	2.25"	.23"	4.85"								
YAZ35-2N	1	550 kcmil	—	1/2"	1-3/4"	1.65"	2.63"	.25"	6.45"	Y81KFTMBH (4)	—	—	U35RT (4)	Yellow	21	2-11/16"	
YAZ36-2N	1	600 kcmil	300	1/2"	1-3/4"	1.74"	2.69"	.27"	6.55"	PAT81KFT-18V (4)	—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4"	
YAZ36-2TC38	1			3/8"	1"	1.74"	2.69"	.26"	5.55"								
YAZ37-2N	1	650 kcmil	—	1/2"	1-3/4"	1.80"	2.81"	.27"	6.70"	—	—	U37RT (4)	Orange	23	2-7/8"		
YAZ38-2N	1	700 kcmil	—	1/2"	1-3/4"	1.84"	2.81"	.27"	6.72"	—	—	U38RT (4)	Pink	400	2-7/8"		

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor. Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

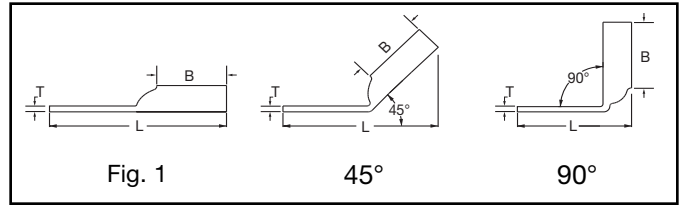
Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – Inspection Window

C-42

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.

Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			▲ Installation Tooling							
		AWG	MM ²				(B)	(T)	(L)	Dieless (# of crimps)	Mechanical		Hydraulic		Color Code	Die Index	Wire Strip Length
											MD6, OUR840, MD7-34R	BCT500HS, Y500CHS	Y35, Y39, Y750, Y46*, PAT750				
YAZ39-2N	1	750 kcmil	—	1/2"	1-3/4"	1.91"	2.88"	.27"	6.82"	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16"	
YAZ39-2NT38	1			3/8"	1"	1.63"	2.88"	.27"	5.82"								
YAZ39-2TC38	1			3/8"	1"	1.91"	2.88"	.27"	5.82"								
YAZ39-2NNT	1			1/2"	1-3/4"	1.63"	2.88"	.27"	6.82"								
YAZ40-2N	1	800 kcmil	400	1/2"	1-3/4"	1.98"	2.94"	.30"	6.89"	—	—	P40RT (4) **	Orange	25	3"		
YAZ41-2N	1	850 kcmil	—	1/2"	1-3/4"	2.01"	2.94"	.31"	6.91"	—	—	—	Gold		3"		
YAZ44-2N	1	1000 kcmil	500	1/2"	1-3/4"	2.19"	3.00"	.33"	7.08"	—	—	P44RT (4) **	White	27	3-1/16"		
YAZ44-2TC38	1			3/8"	1"	2.19"	3.00"	.33"	6.09"								
YAZ45-2N	1	1250 kcmil	—	1/2"	1-3/4"	2.46"	3.19"	.38"	7.38"	—	—	P45RT (6) **	Yellow	29	3-1/4"		
YAZ453-2N	1	1300 kcmil	—	1/2"	1-3/4"	2.53"	3.19"	.39"	7.41"	—	—	—	Orange	30	2-1/16"		
YAZ46-2N	1	1500 kcmil	—	1/2"	1-3/4"	2.69"	3.19"	.40"	7.48"	—	—	P46RT (6) **	Green	31	3-5/16"		
YAZ47-2N	1	1750 kcmil	—	1/2"	1-3/4"	2.90"	3.44"	.42"	7.82"	—	—	—	Gray	33	3-1/2"		
YAZ48-2N	1	2000 kcmil	—	1/2"	1-3/4"	3.10"	3.44"	.46"	7.89"	—	—	—	Brown	34	3-1/2"		

▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.

** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

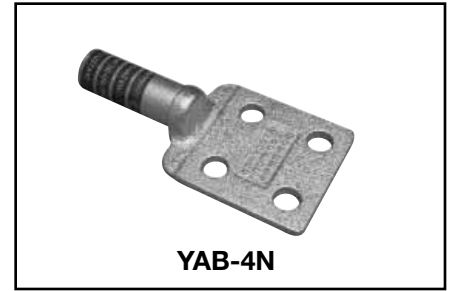
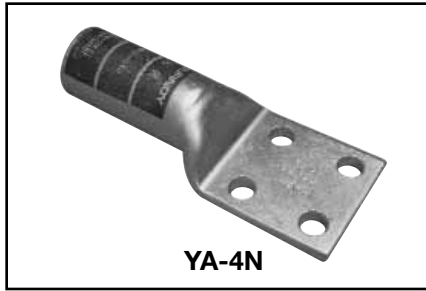
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

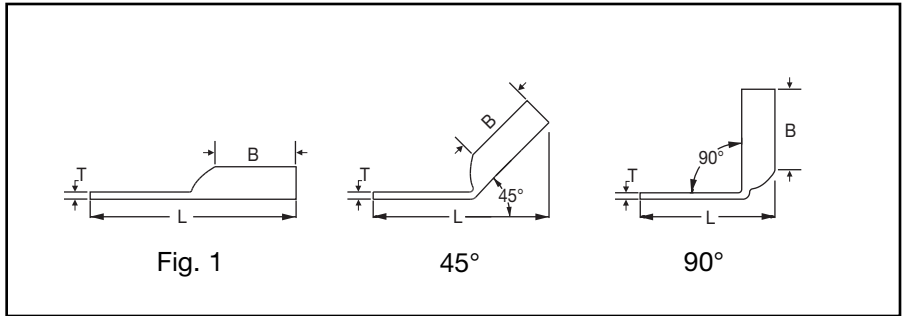
**FOUR HOLE
HYLUG™
CODE CONDUCTOR**

TYPE YA

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-43



Catalog Number	Fig.#	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Tongue Angle	Installation Tooling						
		AWG	*** MM ²					B	T	L	Hydraulic (Y35, Y39, Y750, Y46*)			Wire Strip Length
											**	Color Code	Die Index	
YA444N	1	1000 kcmil	500	1/2"	1.75"	3"	Straight	3.00"	.23"	7.14"	P44RT	White	27	3-1/16"
YA454N	1	1250 kcmil	—	1/2"	1.75"	3"	Straight	3.19"	.30"	7.44"	P45RT	Yellow	29	3-1/4"
YA464N	1	1500 kcmil	—	1/2"	1.75"	3"	Straight	3.19"	.34"	7.55"	P46RT	Green	31	3-1/4"
YA47N	1	1750 kcmil	—	1/2"	1.75"	3.10"	Straight	3.44"	.39"	7.89"	†L47RT	Gray	33	3-1/2"
YA484N	1	2000 kcmil	—	1/2"	1.75"	3.06"	Straight	3.44"	.46"	7.98"	†L48RT	Brown	34	3-1/2"
YA4864N	1	2500 kcmil	—	1/2"	1.75"	3.46"	Straight	4.69"	.52"	9.38"	†L486RT	—	—	4-3/4"
YAB344N	1	500 kcmil	—	1/2"	1.75"	3.00"	Straight	2.25"	.25"	6.33"	U36RT	Green	22	2-1/2"
YAB394N	1	750 kcmil	—	1/2"	1.75"	3.00"	Straight	2.88"	.25"	7.15"	U39RT	Black	24	2-15/16"

Available undrilled. Add suffix U to catalog number (example YA444NU).

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

** P dies for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are for Class 2 conductor. For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.

‡ Requires Y60BHU HYPRESS™

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Inspection Window

C-44

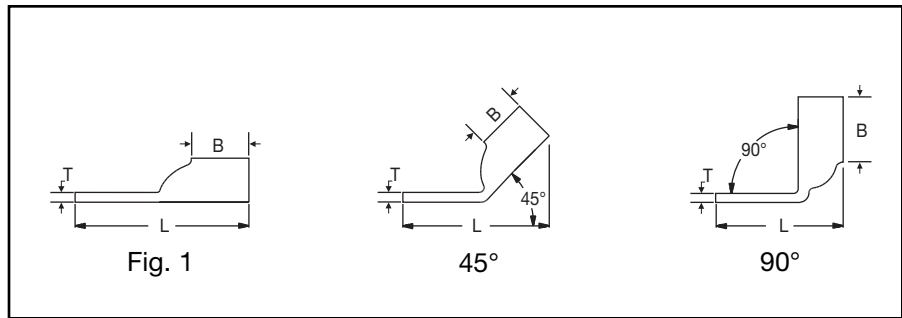
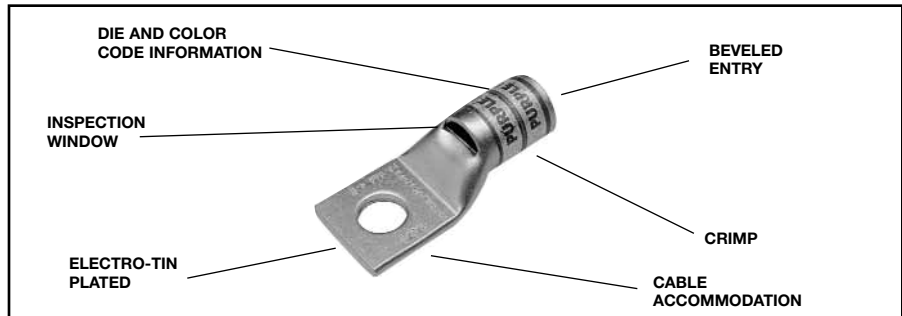
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

TYPES YA-L, YA-L-FX, YAV,
YAV-L-FX

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA8CL-BOX	1	37/24 #8 Weld #8 AWG	10	8-10	.41"	.44"	.08"	1.16"	Y1MRTC (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"
YA8C-L1-BOX	1			1/4"	.44"	.44"	.08"	1.26"	Y8MRB (1)						
YA8C-L2-BOX	1			5/16"	.52"	.44"	.08"	1.38"	MY29-11 (1) Y81KFT (1)						
YA8C-L3-BOX	1			3/8"	.58"	.44"	.08"	1.51"	Y81KFTMBH (1)						
YA8C-L4-BOX	1	61/24 #6 Weld #6 AWG	16	8-10	.48"	.50"	.08"	1.30"	Y1MRTC (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2"
YAV6CL-TC10-FX	1			1/2"	.75"	.50"	.12"	1.86"	MY29-11 (1)						
YAV6CL-TC12-FX	1			1/4"	.48"	.50"	.08"	1.43"	Y81KFT (1)						
YAV6CL-TC14-FX	1			3/8"	.60"	.50"	.06"	1.61"	Y81KFTMBH (1)						
YAV6CL-TC38-FX	1	61/24 #6 Weld #6 AWG	16	8-10	.48"	.50"	.08"	1.30"	MY29-11 (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	1/2"
YAV6CL-TC516-FX	1			1/2"	.75"	.50"	.12"	1.86"	Y644HS (1)						
YAV6CL-TC34-FX	1			3/4"	1.05"	.50"	.13"	2.30"	Y81KFT (1)						
YAV6CL-TC516-FX	1			5/16"	.60"	.50"	0.07"	1.49"	Y81KFTMBH (1)						
YAV4CL-TC10-FX	1	91/24 105/24 #4 Weld #4 AWG	—	10-8	.55"	.50"	.09"	1.32"	Y1MRTC (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2"
YAV4CL-TC12-FX	1			1/2"	.71"	.50"	.07"	1.92"	MY29-11 (1)						
YAV4CL-TC14-FX	1			1/4"	.55"	.50"	.09"	1.44"	Y81KFT (1)						
YAV4CL-TC38-FX	1			3/8"	.58"	.50"	.08"	1.67"	Y81KFTMBH (1)						
YAV4CL-TC516-FX	1	125/24 150/24 #2 Weld #2 AWG	35	# 10	.68"	.63"	.10"	1.50"	PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"
YAV2CL-TC10-FX	1			1/2"	.77"	.63"	0.09	2.12"	Y81KFTMBH (1)						
YAV2CL-TC12-FX	1			1/4"	.68"	.63"	.10"	1.62"	Y81KFTMBH (1)						
YAV2CL-TC14-FX	1			3/8"	.68"	.63"	.10"	1.81"	Y81KFTMBH (1)						
YAV2CL-TC38-FX	1	#2 AWG	35	5/16"	.68"	.63"	.10"	1.69"	Y81KFTMBH (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"
YAV2CL-TC516-FX	1			5/16"	.68"	.63"	.10"	1.69"	Y81KFTMBH (1)						

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size listed is for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

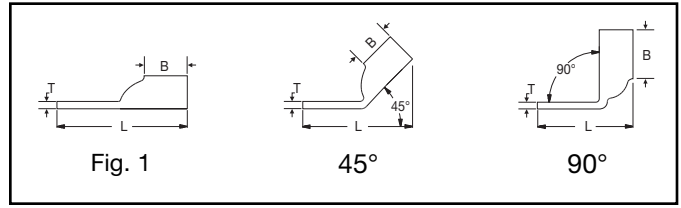
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling						Wire Strip Length	
		AWG	*** MM²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code	Die Index		
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAV1CL-TC10-FX	1	175/24	—	# 10	.75"	.69"	.12"	1.59"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT (1)	Green	11	11/16"	
YAV1CL-TC12-FX	1	225/24		1/2"	.75"	.69"	.12"	2.15"								
YAV1CL-TC14-FX	1	#1 Weld		1/4"	.75"	.69"	.12"	1.71"								
YAV1CL-TC38-FX	1	#1 AWG		3/8"	.75"	.69"	.12"	1.90"								
YAV1CL-TC516-FX	1			5/16"	.75"	.69"	.12"	1.78"								
YAV25L-TC12-FX	1	275/24	50	1/2"	.83"	.69"	.12"	2.19"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25L-TC14-FX	1	1/0 Weld		1/4"	.83"	.69"	.12"	1.75"								
YAV25L-TC38-FX	1	1/0 AWG		3/8"	.83"	.69"	.12"	1.94"								
YAV25L-TC516-FX	1			5/16"	.83"	.69"	.12"	1.77"								
YAV26L-TC10-FX	1	325/24	70	# 10	.93"	.81"	.13"	1.80"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"	
YAV26L-TC12-FX	1			1/2"	.93"	.81"	.13"	2.36"								
YAV26L-TC14-FX	1			2/0 Weld	1/4"	.93"	.81"	.11"								2.89"
YAV26L-TC34-FX	1			2/0 AWG	3/4"	1.10"	.81"	.11"								2.89"
YAV26L-TC38-FX	1				3/8"	.93"	.81"	.13"								2.11"
YAV26L-TC516-FX	1				5/16"	.93"	.81"	.13"								1.98"
YAV26L-TC58-FX	1		5/8"	.93"	.81"	.13"	2.61"									
YAV27L-TC10-FX	1	450/24	95	# 10	1.03"	1.00"	.14"	2.03"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1"	
YAV27L-TC12-FX	1			3/0 Weld	1/2"	1.03"	1.00"	.14"								2.59"
YAV27L-TC14-FX	1			3/0 AWG	1/4"	1.03"	1.00"	.14"								2.15"
YAV27L-TC38-FX	1				3/8"	1.03"	1.00"	.14"								2.34"
YAV27L-TC516-FX	1		5/16"	1.03"	1.00"	.14"	2.21"									
YAV28L-TC12-FX	1	550/24	120	1/2"	1.14"	1.03"	.15"	2.67"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"	
YAV28L-TC14-FX	1			4/0 Weld	1/4"	1.14"	1.03"	.15"								3.11"
YAV28L-TC34-FX	1			4/0 AWG	3/4"	1.14"	1.03"	.15"								2.42"
YAV28L-TC38-FX	1				3/8"	1.14"	1.03"	.15"								2.42"
YAV28L-TC516-FX	1				5/16"	1.14"	1.03"	.15"								2.29"
YAV28L-TC58-FX	1		5/8"	1.14"	1.03"	.15"	2.92"									
YAV29L-TC12-FX	1	550/24	—	1/2"	1.14"	1.03"	.16"	2.67"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"	
YAV29L-TC14-FX	1			4/0 Weld	1/4"	1.14"	1.03"	.16"								2.23"
YAV29L-TC34-FX	1				3/4"	1.14"	1.03"	.16"								3.11"
YAV29L-TC38-FX	1				3/8"	1.14"	1.03"	.16"								2.42"
YAV29L-TC516-FX	1				5/16"	1.14"	1.03"	.16"								2.29"
YAV29L-TC58-FX	1		5/8"	1.14"	1.03"	.16"	2.92"									
YA30L-TC516-FX	1	250 Flex	—	5/16"	1.20"	1.03"	.16"	2.31"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"	
YA30L-TC38-FX	1	CLASS G		3/8"	1.20"	1.03"	.16"	2.44"								
YA30L-TC12-FX	1	259 Str.		1/2"	1.20"	1.03"	.16"	2.69"								
YA30L-TC58-FX	1	CLASS H		5/8"	1.20"	1.03"	.16"	2.94"								
YA30L-TC34-FX	1	427 Str.		3/4"	1.20"	1.03"	.16"	3.12"								

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 ** The 16 MM² is for both Class 2 and Class 5 conductors.
 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

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 Note: All dimensions shown are for reference only.

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Compression Connections

BURNDY®

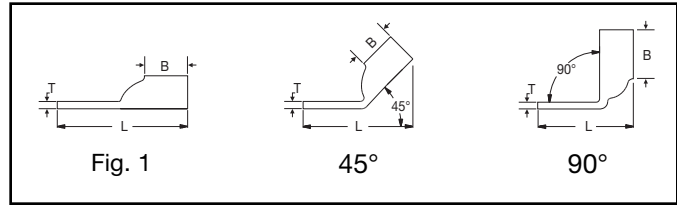
Copper Compression – Flex – Inspection Window

C-46

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS		Y35, Y39, Y750, Y46*, PAT750	Color Code	
YA31L-TC14-FX	1	250 Flex 637/24 CLASS I, K, M	150	1/4"	1.29"	1.06"	.18"	2.31"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"
YA31L-TC516-FX	1			5/16"	1.29"	1.06"	.18"	2.37"							
YA31L-TC38-FX	1			3/8"	1.29"	1.06"	.18"	2.50"							
YA31L-NT12-FX	1			1/2"	.96"	1.06"	.18"	2.75"							
YA31L-TC12-FX	1			1/2"	1.29"	1.06"	.18"	2.75"							
YA31L-TC58-FX	1			5/8"	1.29"	1.06"	.18"	3.00"							
YA31L-TC34-FX	1			3/4"	1.29"	1.06"	.18"	3.19"							
YA32L-TC38-FX	1			313.1 kcmil	185	3/8"	1.40"	1.19"							
YA32L-TC12-FX	1	775/24	1/2"	1.40"		1.19"	.19"	2.93"							
YA32L-TC58-FX	1	300 Flex	5/8"	1.40"		1.19"	.19"	3.18"							
YA34L-TC516-FX	1	373.7 kcmil 925/24 350 Flex	240	5/16"	1.55"	1.27"	.23"	2.74"	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"	
YA34L-TC38-FX	1			3/8"	1.55"	1.27"	.23"	2.87"							
YA34L-TC12-FX	1			1/2"	1.55"	1.27"	.23"	3.12"							
YA34L-TC58-FX	1			5/8"	1.55"	1.27"	.23"	3.37"							
YA36L-TC12-FX	1	444.4 kcmil 450 Flex	—	1/2"	1.74"	1.38"	.27"	3.29"	—	—	U34RT (2)	Brown	20	1-3/8"	
YA36L-TC58-FX	1	1100/24	—	5/8"	1.74"	1.38"	.27"	3.54"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16"
YA38L-TC12-FX	1	535.3 kcmil 1325/24 500 Flex	300	1/2"	1.84"	1.45"	.27"	3.41"							
YA38L-TC58-FX	1			5/8"	1.84"	1.45"	.27"	3.66"							
YA38L-TC516-FX	1			5/16"	1.84"	1.45"	.27"	3.03"							
YA38L-TC38-FX	1			3/8"	1.84"	1.45"	.27"	3.34"							
YA40L-TC516-FX	1	646 kcmil 1600/24	400	5/16"	1.98"	1.42"	.30"	3.05"	U39RT (2)	—	—	Black	24	1-5/16"	
YA40L-TC38-FX	1			3/8"	1.98"	1.42"	.30"	3.38"							
YA40L-TC12-FX	1			1/2"	1.98"	1.42"	.30"	3.43"							
YA40L-TC58-FX	1			5/8"	1.98"	1.42"	.30"	3.68"							
YA44L-TC12-FX	1	777.7 kcmil 1925/24	500	1/2"	2.19"	1.65"	.33"	3.79"	U44XRT (2)	—	—	Yellow	L115	1-5/8"	
YA44L-TC58-FX	1			5/8"	2.19"	1.65"	.33"	4.04"							

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 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

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◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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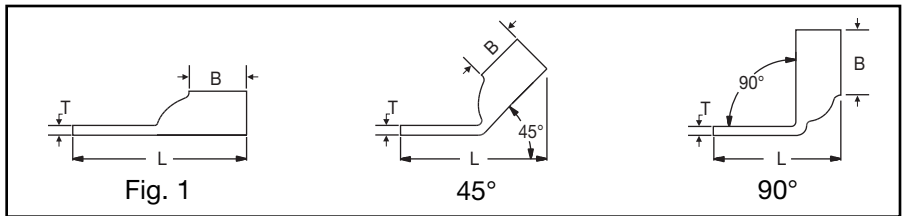
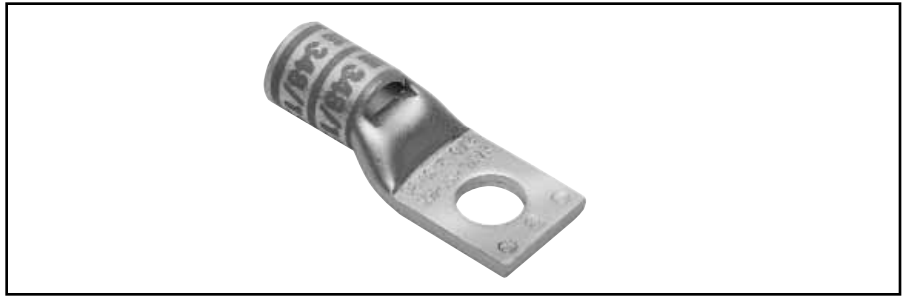
**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
NARROW TONGUE**

TYPE YAV-L-NTFX

**COPPER COMPRESSION
NARROW TONGUE
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-47



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length		
		AWG	*** MM²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical		Hydraulic			Color Code	Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAV4CLNT10FX	1	#4 AWG #4 Weld 91/24 105/24	—	#10	.41"	.50"	.09"	1.32"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CRT (1) X4CRT (1) W4CVT (1)	W4CRT (1) W4CVT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2"	
YAV2CLNT14FX	1	#2 AWG #2 Weld 125/24	35	1/4"	.46"	.63"	.10"	1.71"	Y1MRTC (2) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"	
YAV2CLNT516FX	1	150/24	50	5/16"	.44"	.63"	.10"	1.78"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25LNT14FX	1	1/0 AWG	50	1/4"	.67"	.69"	.12"	1.75"	MY29-11 (1) Y81KFT (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25LNT516FX	1	1/0 Weld	50	5/16"	.67"	.69"	.12"	1.81"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25LNT38FX	1	275/24	50	3/8"	.76"	.69"	.13"	1.94"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV26LNT516FX	1	2/0 AWG	70	5/16"	.90"	.81"	.13"	1.98"	MY29-11 (1) Y644HS (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"	
YAV26LNT38FX	1	2/0 Weld	70	3/8"	.90"	.81"	.13"	2.11"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"	
YAV26LNT12FX	1	325/24	70	1/2"	—	—	—	—	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"	
YAV28LNT516FX	1	4/0 AWG	—	5/16"	.94"	1.03"	.15"	2.29"	MY29-11 (1) Y644HS (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"	
YAV28LNT38FX	1	4/0 Weld	—	3/8"	.94"	1.03"	.15"	2.42"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"	
YAV28LNT12FX	1	550/24	—	1/2"	.76"	1.03"	.15"	2.67"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"	
YA31LNT12FX	1	250 Flex 637/24 Class I,K,M	150	1/2"	.96"	1.06"	.18"	2.75"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"	

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

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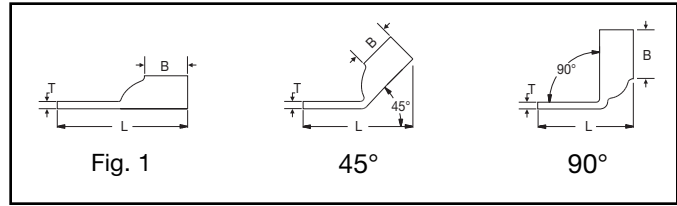
Compression Connections

BURNDY®

Copper Compression – Flex – Standard Barrel – Narrow Tongue

C-48

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code		Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA32LNT516FX	1	313.1 kcmil	185	5/16"	.96"	1.19"	.19"	2.65"	Y644HS (1) Y81KFT (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4"
YA32LNT38FX	1	775/24 300 Flex		3/8"	.96"	1.19"	.19"	2.68"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA38LNT12FX	1	535.3 kcmil	300	1/2"	1.63"	1.45"	.27"	3.41"	Y644HS (1) Y81KFT (1)	—	—	U38XRT (2)	Pink	L99	1-7/16"
YA38LNTM20FX	1	1325/24 500 Flex		M20	1.63"	1.45"	.27"	3.84"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA44LNT38FX	1	777.7 kcmil	500	3/8"	1.50"	1.65"	.33"	3.79"	Y644HS (1) Y81KFT (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8"
YA44LNT12FX	1	1925/24 750 Flex		1/2"	1.62"	1.65"	.33"	3.98"	Y81KFTMBH (2) PAT81KFT-18V (2)						

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◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
NO INSPECTION
WINDOW**

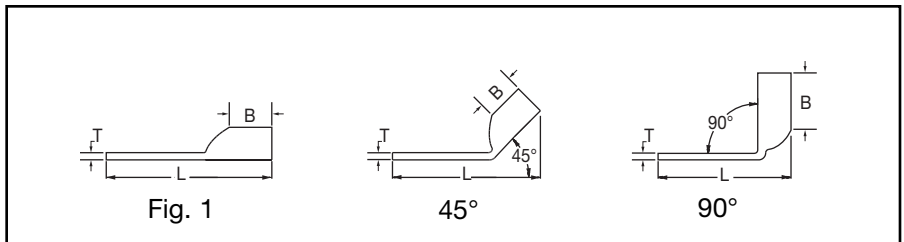
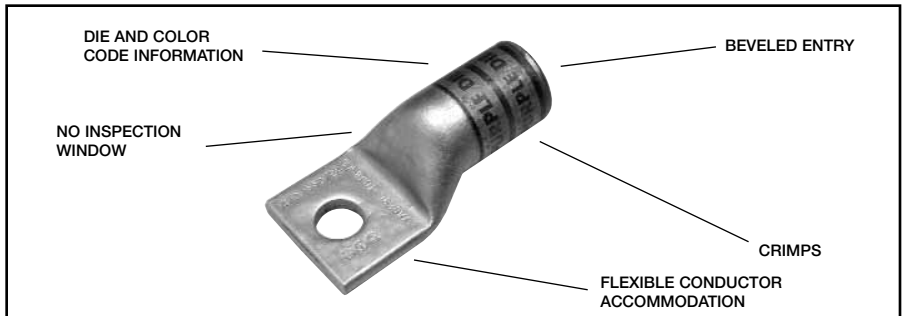
TYPE YAG-L-TC

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV



45° and 90° angles are available.
Please contact Customer Service
to order: 1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS, Y35, Y39, Y750, Y46*, PAT750		Color Code		Die Index
YAG8CLTC14FX	1	37/24 #8	10	1/4"	.44"	.44"	.08"	1.32"	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CRT (1)	W8CRT (1)	U8CRT (1)	Red	49	7/16"
YAG8CLTC516FX	1	Weld 8		5/16"	.52"	.44"	.06"	1.38"		X8CRT (1)	X8CRT (1)				
YAG8CLTC12FX	1	AWG		1/2"	.72"	.44"	.05"	1.76"		W8CVT (1)	W8CVT (1)				
YAG6CLTC14FX	1	61/24 #6 Weld #6 AWG	16	1/4"	.48"	.50"	.05"	1.43"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CRT (1)	W5CRT (1)	U5CRT (1)	Blue	7	1/2"
YAG6CLTC516FX	1			5/16"	.52"	.50"	.07"	1.49"		X5CRT (1)	W5CVT (1)				
YAG6CLTC38FX	1			3/8"	.58"	.50"	.06"	1.61"		W5CVT (1)	X5CRT (1)				
YAG6CLTC12FX	1			1/2"	.75"	.50"	.12"	1.86"		W4CRT (1)	W4CRT (1)				
YAG4CLTC14FX	1	91/24	—	1/4"	.55"	.50"	.09"	1.48"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CRT (1)	W4CRT (1)	U4CRT (1)	Gray	8	1/2"
YAG4CLTC516FX	1	105/24		5/16"	.55"	.50"	.08"	1.55"		X4CRT (1)	W4CVT (1)				
YAG4CLTC38FX	1	#4 AWG		3/8"	.58"	.50"	.08"	1.67"		W4CVT (1)	X4CRT (1)				
YAG2CLTC14FX	1	#2 AWG	35	1/4"	.68"	.63"	.10"	1.52"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	11/16"
YAG2CLTC516FX	1	#2 Weld		5/16"	.68"	.63"	.10"	1.64"		W2CRT (1)	W2CRT (1)				
YAG2CLTC38FX	1	125/24		3/8"	.68"	.63"	.10"	1.70"		X2CRT (1)	W2CVT (1)				
YAG2CLTC12FX	1	150/24	1/2"	.77"	.63"	.10"	1.83"	W1CVT (1)	W1CVT (1)						
YAG1CLTC14FX	1	#1 AWG	—	1/4"	.75"	.69"	.12"	1.73"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT (1)	W1CRT (1)	U1CRT-1 (1)	Green	11	11/16"
YAG1CLTC516FX	1	#1 Weld		5/16"	.75"	.69"	.12"	1.80"		X1CRT (1)	W1CVT (1)				
YAG1CLTC38FX	1	175/24		3/8"	.75"	.69"	.12"	1.92"		W25VT (2)	W25VT (2)				
YAG1CLTC12FX	1	225/24		1/2"	.75"	.69"	.12"	2.17"		W25RT (2)	W25RT (2)				
YAG25LTC14FX	1	1/0 AWG	50	1/4"	.83"	.69"	.12"	1.77"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2)	W26VT (2)	U26RT (1)	Black	13	13/16"
YAG25LTC516FX	1	1/0 Weld		5/16"	.83"	.69"	.12"	1.84"		W26RT (2)	W26RT (2)				
YAG25LTC38FX	1	275/24		3/8"	.83"	.69"	.12"	1.96"		X26RT (2)	W27VT (2)				
YAG26LTC14FX	1	2/0 AWG	70	1/4"	.93"	.81"	.13"	1.95"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27RT (2)	W27RT (2)	U27RT (1)	Orange	14	1"
YAG26LTC516FX	1	2/0 Weld		5/16"	.93"	.81"	.13"	2.01"		W27RT (2)	W27RT (2)				
YAG26LTC38FX	1	325/24		3/8"	.93"	.81"	.13"	2.13"		X27RT (3)	W28VT (2)				
YAG27LTC14FX	1	3/0 AWG	95	1/4"	1.03"	1.00"	.14"	2.18"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28RT (2)	W28RT (2)	U28RT (1)	Purple	15	1-1/16"
YAG27LTC516FX	1	3/0 Weld		5/16"	1.03"	1.00"	.14"	2.21"		W28RT (2)	W28RT (2)				
YAG27LTC38FX	1	450/24		3/8"	1.03"	1.00"	.14"	2.37"		X28RT (3)	W28VT (2)				
YAG28LTC14FX	1	4/0 AWG	—	1/4"	1.14"	1.03"	.15"	2.26"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2)	W28VT (2)	U28RT (1)	Purple	15	1-1/16"
YAG28LTC516FX	1	4/0 Weld		5/16"	1.14"	1.03"	.15"	2.32"		W28RT (2)	W28RT (2)				
YAG28LTC38FX	1	550/24		3/8"	1.14"	1.03"	.15"	2.45"		X28RT (3)	W28VT (2)				
YAG28LTC12FX	1		1/2"	1.14"	1.03"	.15"	2.70"	X28RT (3)	W28VT (2)						

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

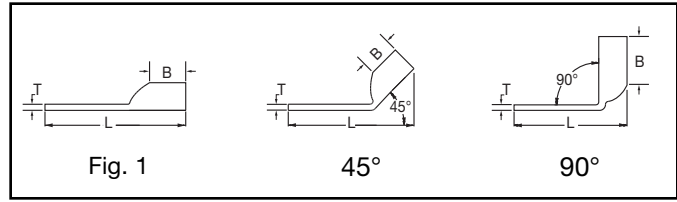
Compression Connections

BURNDY®

Copper Compression – Flex – Standard Barrel – No Inspection Window

C-50

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NO INSPECTION WINDOW (Continued)



UL Listed 90° C,
600 Volts to 35 kV



45° and 90° angles are available.

Please contact Customer Service to order:

1-800-346-4175

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length		
		AWG	*** MM²			(B)	(T)	(L)		Mechanical		Hydraulic			Color Code	Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750				
YAG29LTC38FX	1	4/0 AWG	—	3/8"	1.14"	1.03"	.16"	2.45"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"	
YAG29LTC12FX	1	4/0 Weld	—	1/2"	1.14"	1.03"	.16"	2.70"								
YAG29LTC58FX	1	550/24	—	5/8"	1.14"	1.03"	.16"	3.14"								
YAG30LTC38FX	1	250 Flex	—	3/8"	1.20"	1.03"	.16"	2.47"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"	
YAG30LTC12FX	1	Class G 259 Str.	—	1/2"	1.20"	1.03"	.16"	2.72"								
YAG30LTC58FX	1	Class H 427 Str.	—	5/8"	1.20"	1.03"	.16"	2.97"								
YAG31LTC14FX	1	250 Flex 637/24 Class I,K,M	150	1/4"	1.29"	1.06"	.18"	2.35"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4"	
YAG31LTC516FX	1			5/16"	1.29"	1.06"	.18"	2.41"								
YAG31LTC38FX	1			3/8"	1.29"	1.06"	.18"	2.53"								
YAG31LTC12FX	1			1/2"	1.29"	1.06"	.18"	2.78"								
YAG31LTC58FX	1	5/8"	1.29"	1.06"	.18"	3.06"										
YAG32LTC12FX	1	313.1 kcmil 775/24	185	1/2"	1.40"	1.19"	.19"	2.97"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"	
YAG32LTC58FX	1	300 Flex		5/8"	1.40"	1.19"	.19"	3.22"								
YAG34LTC516FX	1	373.7 kcmil 925/24 350 Flex	240	5/16"	1.55"	1.27"	.23"	2.78"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"	
YAG34LTC38FX	1			3/8"	1.55"	1.27"	.23"	2.91"								
YAG34LTC12FX	1			1/2"	1.55"	1.27"	.23"	3.16"								
YAG34LTC58FX	1	5/8"	1.55"	1.27"	.23"	3.41"										
YAG36LTC38FX	1	444.4 kcmil 1100/24 450 Flex	—	3/8"	1.73"	1.38"	.27"	3.27"	—	—	U34RT (2)	Brown	20	1-7/16"		
YAG38LTC38FX	1	535.3 kcmil 1325/24 500 Flex	300	1/4"	1.84"	1.45"	.27"	3.02"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16"	
YAG38LTC516FX	1			5/16"	1.84"	1.45"	.27"	3.08"								
YAG38LTC38FX	1			3/8"	1.84"	1.45"	.27"	3.39"								
YAG38LTC12FX	1			1/2"	1.84"	1.45"	.27"	3.46"								
YAG40LTC14FX	1	646 kcmil 1600/24	400	1/4"	1.96"	1.42"	.30"	3.04"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8"	
YAG40LTC516FX	1			5/16"	1.96"	1.42"	.30"	3.11"								
YAG40LTC38FX	1			3/8"	1.96"	1.42"	.30"	3.42"								
YAG40LTC12FX	1	650 Flex	—	1/2"	1.96"	1.42"	.30"	3.48"								
YAG44LTC516FX	1	777.7 kcmil	500	5/16"	2.18"	1.65"	.33"	3.50"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8"	
YAG44LTC38FX	1	1925/24		3/8"	2.18"	1.65"	.33"	3.81"								
YAG44LTC12FX	1	750 Flex		1/2"	2.18"	1.65"	.33"	3.85"								

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** The MM² conductor size referenced here is for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings.

Note: All dimensions shown are for reference only.

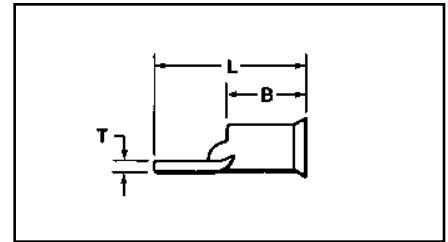
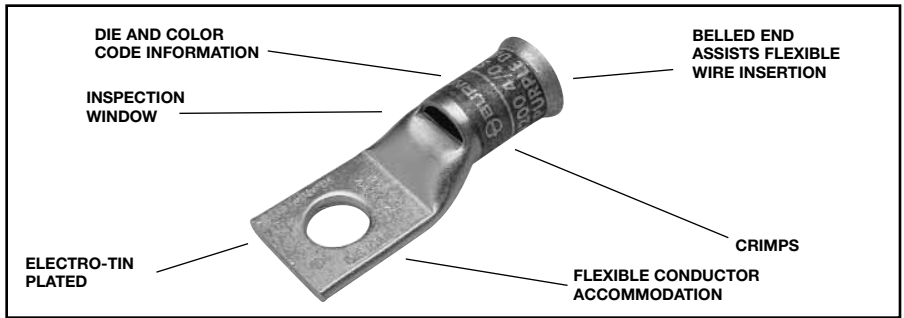
Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
BELLED END**

TYPE YA-LB

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆



Catalog Number	Flexible Conductor Size AWG/kcmil	Stranding Class (Size of Strand)					Locomotive Cable	Bolt Size	Wire Strip Length	Installation Tooling Dieless (# of crimps)	Die Index	Dimensions	
		G	H	I (#24 Str.)	Battery Cable K (#30 Str.)	Welding Cable M (#34 Str.)						B	L
YA8C-LB	8	49	133	41	168	420	37/24	10	7/16"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18 (1)	1013	.41"	1.12"
YA5C-LB	6			63	266	665	61/24	1/4"	7/8"		1014	.44"	1.73"
YA4C-LB	5			84	336	836	91/24				1015	.50"	1.92"
YA3C-LB	4			105	420	1064	105/24	5/16"	5/16"		1016	.55"	1.94"
YA2C-LB	3			133	532	1323	125/24				1017	.61"	1.97"
YA1C-LB	2			161	665	1666	150/24				1018	.68"	2.02"
YA25-LB	1	210	836	2107	225/24	1019	.75"				2.26"		
YA26-LB	1/0	133	259	266	1064	2646	275/24	3/8"	1"		1020	.83"	2.61"
YA27-LB	2/0			342	1323	3325	325/24	1/2"	1-1/16"		1021	.91"	2.67"
YA28-LB	3/0			418	1666	4256	450/24				1022	1.02"	2.77"
YA29-LB	4/0			—	—	—	—				1023	1.11"	2.82"
YA30-LB	4/0			—	—	532	2107	5320	550/24		1-1/8"	1024	1.20"
	250	259	427	—	—	—	—	1025	1.29"	3.31"			
YA31-LB	250	—	—	—	—	—	—	1-3/16"	1026	1.40"	3.56"		
	262.2	—	—	637	2499	6384	650/24		1027	1.52"	3.83"		
YA32-LB	300	259	427	735	2989	7851	—	1-1/4"	1028	1.69"	4.31"		
	313.1	—	—	—	—	—	775/24		1029	1.81"	4.27"		
YA34-LB	350	—	—	—	3458	8806	—	1-7/16"	1030	1.89"	4.27"		
	373.7	—	—	—	—	—	925/24		1031	1.95"	4.27"		
YA36-LB	400	259	427	980	—	—	—	1-3/4"	1032	2.17"	4.5"		
	444.4	—	—	—	—	—	1100/24		1028	1.69"	4.31"		
YA38-LB	450	—	—	1127	4522	11396	—	5/8"	1029	1.81"	4.27"		
	500	—	—	—	—	12691	—		1030	1.89"	4.27"		
	535.3	427	703	1372	5054	—	1325/24		1031	1.95"	4.27"		
YA39-LB	550	—	—	—	—	13664	—	1-15/16"	1032	2.17"	4.5"		
	550	427	703	1372	5054	—	—		1030	1.89"	4.27"		
YA40-LB	600	—	—	—	—	—	—	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18 (2)	1031	1.95"	4.27"		
	—	—	703	1470	—	14945	1600/24		1032	2.17"	4.5"		
YA44-LB	650	—	—	—	5985	—	—		1032	2.17"	4.5"		
	750	427	703	—	—	—	—		1032	2.17"	4.5"		
	777.7	—	—	—	—	—	1925/24	1032	2.17"	4.5"			

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Long Barrel – Inspection Window

C-52

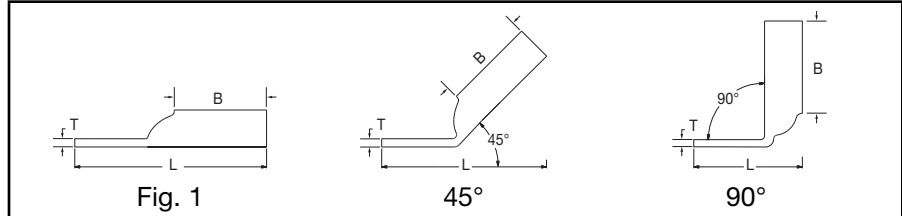
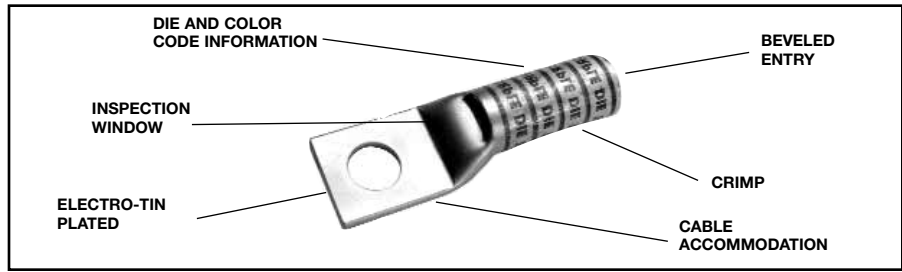
ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPES YAZ, YAZV

COPPER COMPRESSION
TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CHS	Y35, Y39, Y750, Y46*, PAT750	Color Code		Die Index
YAZ8CTC10	1	37/24 #8 Weld #8 AWG	10	# 10	.41"	.75"	.08"	1.58"	Y1MRTC (2) Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/16"
YAZ8CTC14	1			1/4"	.44"	.75"	.08"	1.58"							
YAZ8CTC38	1			3/8"	.58"	.75"	.06"	1.89"							
YAZV6CTC14FX	1	61/24 #6 Weld #6 AWG	16	1/4"	.48"	.75"	.08"	2.03"	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16"
YAZV6CTC38FX	1			3/8"	.58"	.75"	.06"	1.77"							
YAZV4CTC14FX	1	91/24 105/24 #4 Weld #4 AWG	—	1/4"	.55"	1.25"	.09"	2.21"	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16"
YAZV4CTC38FX	1			3/8"	.58"	1.25"	.08"	2.39"							
YAZV2CTC14FX	1	125/24 150/24 #2 Weld #2 AWG	35	1/4"	.68"	1.38"	.10"	2.39"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16"
YAZV2CTC38FX	1			3/8"	.68"	1.38"	.10"	2.57"							
YAZV2CTC12FX	1			1/2"	.83"	1.38"	.09"	3.01"							
YAZV1CTC14FX	1	175/24	—	1/4"	.75"	1.38"	.12"	2.42"	MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	11/16"

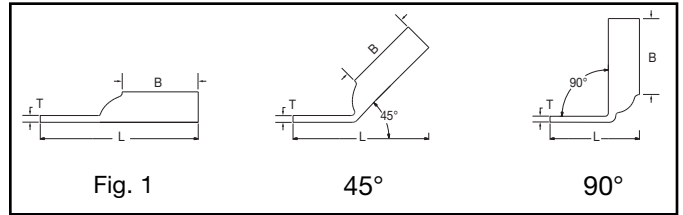
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 ** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW
(Continued)**



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling						Wire Strip Length
		AWG	MM ²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code	Die Index	
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YAZV1CTC516FX	1	225/24 #1 Weld	—	5/16"	.75"	1.38"	.12"	2.47"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16"
YAZV1CTC38FX	1	1/0 AWG	—	3/8"	.75"	1.38"	.12"	2.60"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	Pink	12
YAZV25TC14FX	1	275/24 1/0 Weld	50	1/4"	.83"	1.50"	.12"	2.58"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13
YAZV25TC38FX	1	1/0 AWG	—	1/2"	.83"	1.50"	.12"	3.20"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13
YAZV26TC14FX	1	325/24 2/0 Weld	70	1/4"	.93"	1.50"	.13"	2.58"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13
YAZV26TC38FX	1	2/0 AWG	—	1/2"	.93"	1.50"	.13"	3.20"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13
YAZV27TC38FX	1	450/24 3/0 Weld	95	3/8"	1.03"	1.50"	.14"	2.80"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W27RT (4) W27VT (4) X27RT (4)	W27RT (4) W27VT (4) X27RT (4)	U27RT (2)	Orange	14
YAZV28NT38FX	1	550/24 4/0 Weld	—	3/8"	.94"	1.62"	.14"	2.96"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15
YAZV28TC38FX	1	4/0 AWG	120	3/8"	1.14"	1.62"	.14"	2.96"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15
YAZV28TC12FX	1	4/0 AWG	—	1/2"	1.14"	1.62"	.14"	3.18"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15
YAZV29NT516FX	1	550/24 4/0 Weld	—	5/16"	.96"	2.00"	.16"	2.87"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16
YAZ30TC38FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str	—	3/8"	1.20"	2.00"	.16"	3.42"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16
YAZ31TC38FX	1	262.2 Flex 637/24 CLASS I, K, M	150	3/8"	1.28"	2.00"	.18"	3.45"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17
YAZ32TC38FX	1	775/24 313.1 kcmil 300 Flex	185	3/8"	1.55"	2.12"	.19"	3.62"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Blue	19
YAZ34NT38FX	1	925/24 373.3 kcmil	240	3/8"	.96"	2.25"	.23"	3.85"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19
YAZ34TC38FX	1	350 Flex	—	1/2"	1.52"	2.25"	.23"	4.29"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19
YAZ36TC38FX	1	1100/24 444.4 kcmil 450 Flex	—	3/8"	1.72"	2.69"	.26"	4.55"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		—	—	U34RT (4)	Brown	20
YAZ38NT38FX	1	1325/24 535.3 kcmil	300	3/8"	1.63"	2.81"	.27"	4.72"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99
YAZ38TC38FX	1	500 Flex	—	1/2"	1.63"	2.81"	.27"	4.97"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		—	—	U38XRT (4)	Pink	L99
YAZ38NT12FX	1	500 Flex	—	1/2"	1.81"	2.81"	.27"	4.97"		MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99
YAZ38TC12FX	1	500 Flex	—	1/2"	1.81"	2.81"	.27"	4.97"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		—	—	U38XRT (4)	Pink	L99

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 ** The 120 MM² referenced here is for both Class 2 and Class 5 conductor.
 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Long Barrel – Belled End – No Inspection Window

C-54

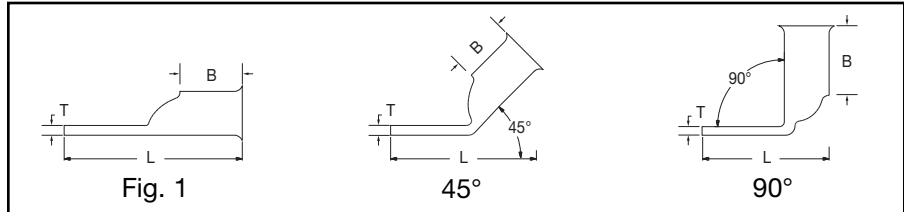
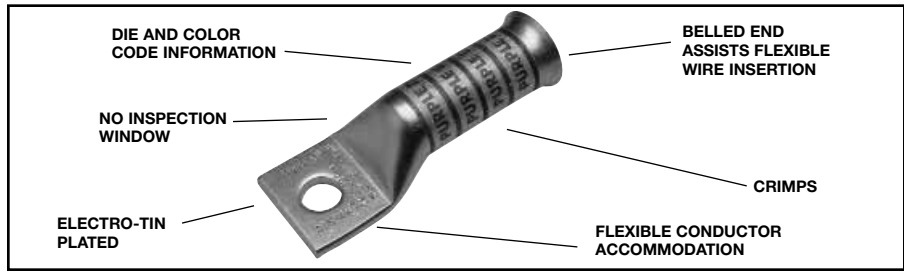
ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END

**TYPES YA-TC-FXB,
YAV-TC-FXB**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.

Please contact
Customer Service
to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750			
YA8C-TC14-FXB	1	37/24 #8 Weld 8 AWG	** 10	1/4"	.41"	.90"	.08"	1.76"	MRC840 (2) MY29-11 (2) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2)	W8CVT (2)	U8CRT (2)	Red	49	1"
YAV6C-TC10-FXB	1	61/24 #6 Weld #6 AWG	** 16	8-10	.48"	1.22"	.08"	1.90"	MY29-11 (2) Y1MRTC (2) Y644HS (1) Y81KFT (1)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16"
YAV6C-TC14-FXB	1	91/24 #5 Str.	1/4"				2.11"	Y81KFTMBH (1) PAT81KFT-18V (1)							
YAV5C-TC14-FXB	1	#5 AWG		1/4"	.44"	1.22"	.07"	2.11"	MY29-11 (2) Y1MRTC (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16"
YAV4C-TC10-FXB	1	91/24 105/24 #4 Weld #4 AWG		8-10	.55"	1.22"	.09"	2.03"	MY29-11 (2) Y1MRTC (4) Y644HS (1) Y81KFT (1)	W4CVT (2)	W4CVT (2)	U4CRT (2)	Gray	8	1-5/16"
YAV4C-TC14-FXB	1		1/4"	.55"	1.22"	.09"	2.16"	Y81KFTMBH (1) PAT81KFT-18V (1)							
YAV4C-TC516-FXB	1		5/16"	.63"	1.22"	.09"	2.22"								
YAV2C-TC10-FXB	1	125/24 150/24 #2 Weld #2 AWG	35	8-10	.67"	1.35"	.10"	2.23"	MY29-11 (2) Y1MRTC (4) Y644HS (1) Y81KFT (1)	W2CVT (2)	W2CVT (2)	U2CRT (2)	Brown	10	1-7/16"
YAV2C-TC516-FXB	1			5/16"				2.42"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YAV1C-TC10-FXB	1	175/24 225/24 #1 Weld #1 AWG		8-10	.69"	1.50"	.12"	2.40"	MY29-11 (2) Y644HS (1) Y81KFT (1)	W1CVT (2)	W1CVT (2)	U1CRT-1 (2)	Green	11	1-9/16"
YAV1C-TC516-FXB	1			5/16"				2.59"	Y81KFTMBH (1) PAT81KFT-18V (1)						

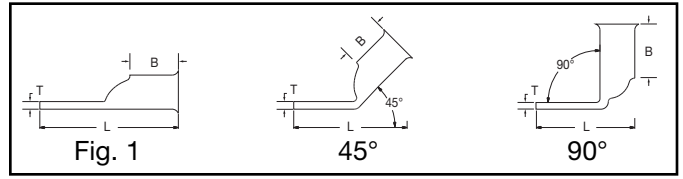
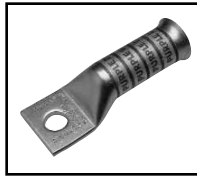
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 ** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductor.
 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
 ▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations

for -FX connectors. For nest/indenter system contact factory.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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**ONE HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL
BELLED END**
(Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length		
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750	Color Code		Die Index	
YAV25-TC10-FXB	1			8-10				2.44"	MY29-11 (2)							
YAV25-TC516-FXB	1	275/24		5/16"				2.63"	Y644HS (1)							
YAV25-TC38-FXB	1	1/0 Weld	50	3/8"	.83"	1.50"	.12"	2.75"	Y81KFT (2)	W25VT (4)	W25VT (4)	U25RT (2)	Pink	12	1-9/16"	
YAV25-TC12-FXB	1	1/0 AWG		1/2"				3.19"	Y81KFTMBH (2) PAT81KFT-18V (2)							
YAV26-TC38-FXB	1			3/8"				2.94"	MY29-11 (2)							
YAV26-TC12-FXB	1	352/24 2/0 Weld 2/0 AWG	70	1/2"	.93"	1.63"	.13"	3.37"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4)	W26VT (4)	U26RT (2)	Black	13	1-13/16"	
YAV27-TC12-FXB	1	3/0 AWG 450/24 3/0 Weld	95	1/2"	1.10"	1.64"	.14"	3.43"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4)	W27VT (4)	U27RT (2)	Orange	14	1-13/16"	
YAV28-TC38-FXB	1		**	3/8"				3.17"	MY29-11 (2)							
YAV28-TC12-FXB	1	550/24 4/0 Weld 4/0 AWG 250 Flex	120	1/2"	1.12"	1.77"	.14"	3.61"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4)	W28VT (4)	U28RT (2)	Purple	15	1-7/8"	
YA30-TC12-FXB	1	Class G 259 str. Class H 427 str. 250 Flex		1/2"	1.20"	2.16"	.16"	4.02"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4)	W29VT (4)	U29RT (2)	Yellow	16	2-1/4"	
YA31-TC12-FXB	1	637/24 Class I,K,M	150	1/2"	1.28"	2.18"	.18"	4.08"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (4)	W30VT (4)	U30RT (4)	White	17	2-1/4"	
YA32-TC12-FXB	1	313.1 kcmil	185	1/2"	1.38"	2.32"	.19"	4.28"		W31VT (4)	W31VT (4)	U31RT (4)	Red	18	2-1/4"	
YA34-TC12-FXB	1	373.7 kcmil 925/24	240	1/2"	1.50"	2.48"	.23"	4.54"	Y644HS (1) Y81KFT (2)	W32VT (4)	W32VT (4)	U32RT (4)	Blue	19	2-9/16"	
YA36-TC12-FXB	1	444.4 kcmil		1/2"	1.69"	2.95"	.26"	5.09"	Y81KFTMBH (2)			U34RT (4)	Brown	20	3-1/16"	
YA36-TC58-FXB	1	1100/24		5/8"				5.15"	PAT81KFT-18V (2)							
YA38-TC58-FXB	1	535.3 kcmil 1325/24	300	5/8"	1.81"	3.08"	.27"	5.32"		—	—	U38XRT (4)	Pink	L99	3-3/16"	
YA40-TC58-FXB	1	646 kcmil - 1600/24	400	5/8"	1.95"	3.24"	.30"	5.53"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (4)	Black	24	3-5/16"	
YA44-TC58-FXB	1	777.7 kcmil - 1925/24	500	5/8"	2.17"	3.33"	.33"	5.71"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U44XRT (4)	Yellow	L115	3-7/16"	
YA46-TC58-FXB	1	1111 kcmil		5/8"	2.69"	3.58"	.39"	6.19"		—	—	**P45RT (4)	Yellow	29	3-11/16"	

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™

** The 16 MM² and 120 MM² referenced here are for both Class 2 and Class 5 conductor.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations

for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

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Compression Connections

BURNDY®

Copper Compression – Flex – Inspection Window

C-56

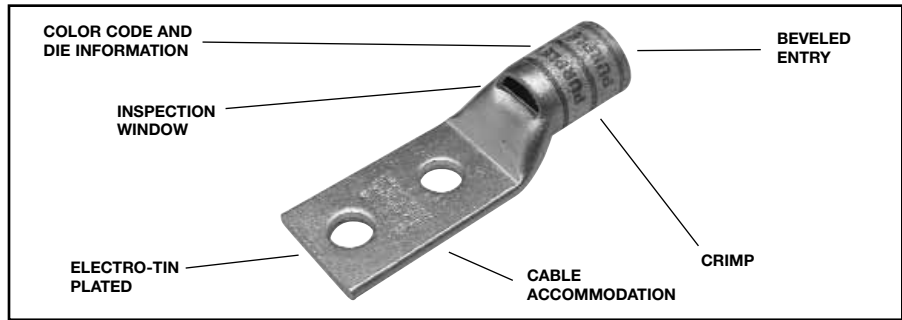
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX

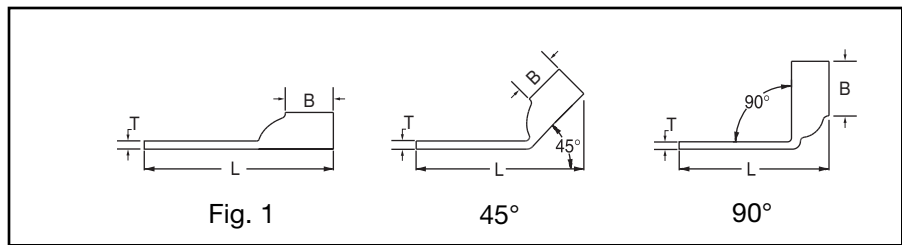
COPPER COMPRESSION TERMINAL

UL Listed 90° C, 600 Volts to 35 kV ◆

45° and 90° angles are available. Please contact Customer Service to order: 1-800-346-4175



◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS		Y35, Y39, Y750, Y46*, PAT750		Color Code
YA8C-L2TC10	1	37/24 #8 Weld #8 AWG	** 10	# 10	5/8"	.41"	.44"	.08"	1.84"	MRC840 (1) MY29-3 (1) MY29-11 (1) Y8MRB-1 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"
YA8C-L2TC14	1			1/4"	5/8"	.44"	.44"	.08"	1.95"							
YA8C-L2TC14E1	1			1/4"	1"	.44"	.44"	.08"	2.33"							
YA8C-L2TC14E2	1			1/4"	3/4"	.44"	.44"	.08"	2.08"							
YA8C-L2TC38	1			3/8"	1"	.58"	.44"	.06"	2.52"							
YAV6C-L2TC10-FX	1	61/24 #6 Weld #6 AWG	** 16	# 10	5/8"	.44"	.50"	.07"	1.94"	MRC840 (1) MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2"
YAV6C-L2TC10E2-FX	1			# 10	3/4"	.48"	.50"	.08"	2.06"							
YAV6C-L2TC10E4-FX	1			# 10	11/16"	.44"	.50"	.07"	2.00"							
YAV6C-L2TC10E9-FX	1			# 10	1/2"	.48"	.50"	.08"	1.81"							
YAV6C-L2TC14-FX	1	61/24 #6 Weld #6 AWG	** 16	1/4"	5/8"	.48"	.50"	.08"	2.06"	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	7/16"
YAV6C-L2TC14E2-FX	1			1/4"	3/4"	.48"	.50"	.08"	2.19"							
YAV6C-L2TC14E1-FX	1			1/4"	1"	.48"	.50"	.08"	2.44"							
YAV6C-L2TC516-FX	1			5/16"	1"	.52"	.50"	.07"	2.50"							
YAV6C-L2TC38-FX	1			3/8"	1"	.58"	.50"	.06"	2.62"							
YAV6C-L2NTC-FX	1			1/2"	1-3/4"	.83"	.50"	.12"	3.81"							
YAV4C-L2NT10-FX	1			91/24 105/24 #4 Weld #4 AWG	-	# 10	5/8"	.41"	.50"	.09"						
YAV4C-L2NT10E1-FX	1	# 10	1"			.41"	.50"	.09"	2.33"							
YAV4C-L2TC14-FX	1	1/4"	5/8"			.55"	.50"	.09"	2.08"							
YAV4C-L2TC14E2-FX	1	1/4"	3/4"			.55"	.50"	.09"	2.20"							
YAV4C-L2TC14E1-FX	1	1/4"	1"			.55"	.50"	.09"	2.45"							
YAV4C-L2TC516-FX	1	5/16"	1"			.55"	.50"	.09"	2.52"							
YAV4C-L2TC38-FX	1	3/8"	1"			.58"	.50"	.08"	2.68"							
YAV4C-L2NTC-FX	1	1/2"	1-3/4"			.83"	.50"	.12"	3.87"							

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
 ** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

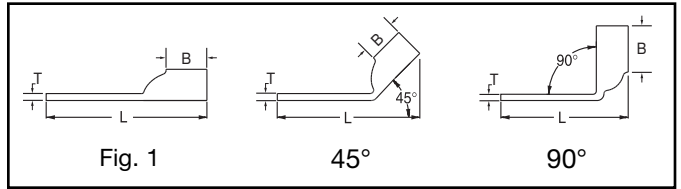
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-57

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index		
												BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750				
YAV2C-L2TC14-FX	1	125/24 150/24 #2 Weld #2 AWG	35	1/4"	5/8"	.68"	.63"	.10"	2.26"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"	
YAV2C-L2TC14E2-FX	1			1/4"	3/4"	.68"	.63"	.10"	2.38"								
YAV2C-L2TC14E1-FX	1			1/4"	1"	.68"	.63"	.10"	2.63"								
YAV2C-L2TC516-FX	1			5/16"	1"	.68"	.63"	.10"	2.71"								
YAV2C-L2TC38-FX	1			3/8"	1"	.68"	.63"	.10"	2.82"								
YAV2C-L2NTC-FX	1	1/2"	1-3/4"	.83"	.63"	.08"	4.07"										
YAV1C-L2TC14-FX	1	175/24 225/24 #1 Weld #1 AWG	—	1/4"	5/8"	.75"	.69"	.12"	2.35"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16"	
YAV1C-L2TC14E1-FX	1			1/4"	1"	.75"	.69"	.12"	2.71"								
YAV1C-L2TC14E2-FX	1			1/4"	3/4"	.75"	.69"	.12"	2.47"								
YAV1C-L2TC516-FX	1			5/16"	1"	.75"	.69"	.12"	2.79"								
YAV1C-L2TC38-FX	1			3/8"	1"	.75"	.69"	.12"	2.91"								
YAV1C-L2NTC-FX	1	1/2"	1-3/4"	.83"	.69"	.11"	4.10"										
YAV25-L2TC14-FX	1	275/24 1/0 Weld 1/0 AWG	50	1/4"	5/8"	.83"	.69"	.12"	2.39"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25-L2TC14E2-FX	1			1/4"	3/4"	.83"	.69"	.12"	2.51"								
YAV25-L2TC516E2-FX	1			5/16"	3/4"	.83"	.69"	.12"	2.57"								
YAV25-L2TC516-FX	1			5/16"	1"	.83"	.69"	.12"	2.82"								
YAV25-L2TC38-FX	1			3/8"	1"	.83"	.69"	.12"	2.95"								
YAV25-L2TC12E1-FX	1	1/2"	1"	.83"	.69"	.12"	3.20"										
YAV25-L2NTC-FX	1	275/24 1/0 AWG 1/0 Weld	50	1/2"	1-3/4"	.83"	.69"	.12"	4.14"		W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	11/16"	
YAV26-L2TC14-FX	1	325/24 2/0 Weld 2/0 AWG	70	1/4"	5/8"	.93"	.81"	.13"	2.56"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"	
YAV26-L2TC14E2-FX	1			1/4"	3/4"	.93"	.81"	.13"	2.68"								
YAV26-L2TC516-FX	1			5/16"	1"	.93"	.81"	.13"	2.99"								
YAV26-L2TC38-FX	1			3/8"	1"	.93"	.81"	.13"	3.12"								
YAV26-L2TC12E1-FX	1			1/2"	1"	.93"	.81"	.13"	3.37"								
YAV26-L2NTC-FX	1	1/2"	1-3/4"	.93"	.81"	.13"	4.31"										
YAV27-L2TC14-FX	1	450/24 3/0 Weld 3/0 AWG	95	1/4"	5/8"	1.03"	1.00"	.14"	2.83"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1"	
YAV27-L2TC38-FX	1			3/8"	1"	1.03"	1.00"	.14"	3.35"								
YAV27-L2TC-FX	1			1/2"	1-3/4"	1.03"	1.00"	.14"	4.54"								
YAV28-L2TC14E2-FX	1	550/24 4/0 Weld 4/0 AWG	120	**	1/4"	3/4"	1.12"	1.03"	.15"	2.91"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"
YAV28-L2TC14-FX	1			1/4"	5/8"	1.12"	1.03"	.15"	2.86"								
YAV28-L2TC516-FX	1			5/16"	1"	1.12"	1.03"	.15"	3.30"								
YAV28-L2TC38-FX	1			3/8"	1"	1.12"	1.03"	.15"	3.43"								
YAV28-L2NTC-FX	1			1/2"	1-3/4"	1.20"	1.03"	.15"	4.18"								
YAV28-L2TC14E2	1			1/4"	3/4"	1.14"	1.03"	.15"	2.99"								
YAV28-L2NT38-FX	1			3/8"	1"	.94"	1.03"	.15"	3.44"								
YAV28-LTC12E1-FX	1			1/2"	1"	1.14"	1.03"	.15"	3.68"								
YAV28-L2TC12-FX	1			1/2"	1-1/4"	1.14"	1.03"	.15"	3.93"								
YAV28-L2NTC-FX	1			1/2"	1-3/4"	1.14"	1.03"	.15"	4.62"								

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
** The 16 MM² referenced here is for both Class 2 and Class 5 conductor.
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Compression Connections

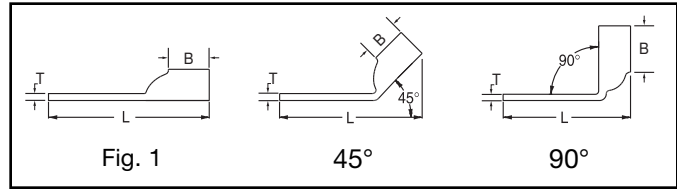
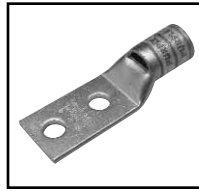
BURNDY®

Copper Compression – Flex – Inspection Window

C-58

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length																						
		AWG	*** MM ²				(B)	(T)	(L)		Mechanical		Hydraulic			Color Code	Die Index																				
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750																								
YAV29-L2TC14E2-FX	1	550/24 4/0 Weld	—	1/4"	3/4"	1.12"	1.03"	.16"	2.91"	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"																						
YAV29-L2TC14-FX	1			1/4"	5/8"	1.12"	1.03"	.16"	2.86"																												
YAV29-L2TC516-FX	1			5/16"	1"	1.12"	1.03"	.16"	3.30"																												
YAV29-L2TC38-FX	1			3/8"	1"	1.12"	1.03"	.16"	3.43"																												
YAV29-L2NTC-FX	1			1/2"	1-3/4"	1.20"	1.03"	.16"	4.18"																												
YAV29-L2NT38-FX	1			3/8"	1"	.94"	1.03"	.16"	3.44"																												
YAV29-LTC12E1-FX	1			1/2"	1"	1.14"	1.03"	.16"	3.68"																												
YAV29-L2TC12-FX	1			1/2"	1-1/4"	1.14"	1.03"	.16"	3.93"																												
YA30-L2TC38-FX	1			250 Flex	—	3/8"	1"	1.20"	1.03"							.16"	3.45"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"													
YA30-L2TC12-FX	1			CLASS G 259 Str.		1/2"	1-1/4"	1.20"	1.03"							.16"	3.95"																				
YA30-L2NTC-FX	1	CLASS H 427 Str.	1/2"	1-3/4"		1.20"	1.03"	.16"	4.63"																												
YA31-L2TC38-FX	1	250 Flex	150	3/8"	1"	1.29"	1.06"	.18"	3.51"	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4"																						
YA31-L2TC12-FX	1	637/24		1/2"	1-1/4"	1.29"	1.06"	.18"	4.01"																												
YA31-L2NTC-FX	1	CLASS I, K, M		1/2"	1-3/4"	1.29"	1.06"	.18"	4.70"																												
YA31-L2NTC38-FX	1			3/8"	1-3/4"	1.29"	1.06"	.18"	4.26"																												
YA32-L2TC38-FX	1	775/24	185	3/8"	1"	1.38"	1.19"	.19"	3.69"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"																					
YA32-L2NTC-FX	1	313.1 kcmil		1/2"	1-3/4"	1.38"	1.19"	.19"	4.88"																												
YA34-L2TC38-FX	1	373.7 kcmil 925/24 (360 kcmil Nom.)	240	3/8"	1"	1.52"	1.27"	.23"	3.88"								W33VT (2)								W33VT (2) W33RT (2)	U33RT (2)	Brown	20	1-7/16"								
YA34-L2TC12-FX	1			1/2"	1-1/4"	1.52"	1.27"	.23"	4.38"																												
YA34-L2NTC-FX	1			1/2"	1-3/4"	1.52"	1.27"	.23"	5.06"																												
YA34-L2TC516-FX	1			5/16"	1"	1.55"	1.27"	.23"	3.75"																												
YA34-L2NT38-FX	1			3/8"	1"	.96"	1.27"	.23"	3.88"								—	—	U34RT (2)	Pink	L99	1-7/16"															
YA34-L2NTC38-FX	1			3/8"	1-3/4"	1.55"	1.27"	.23"	4.63"																												
YA36-L2TC38-FX	1	1100/24	—	3/8"	1"	1.72"	1.38"	.27"	4.24"								Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2)	Purple	23	1-3/8"														
YA36-L2NTC-FX	1	444.4 kcmil		1/2"	1-3/4"	1.72"	1.38"	.27"	5.24"																												
YA38-L2TC38-FX	1	535.3 kcmil 1325/24	300	3/8"	1"	1.81"	1.45"	.27"	4.35"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W35VT (2)	W35VT (2) W35RT (2)	U35RT (2)	Black	24	1-5/16"																					
YA38-L2TC12-FX	1	(500 kcmil nom.)		1/2"	1-1/4"	1.81"	1.45"	.27"	4.67"																												
YA38-L2NTC-FX	1			1/2"	1-3/4"	1.81"	1.45"	.27"	5.35"																												
YA38-L2TC516-FX	1	535.3 kcmil 1325/24	300	5/16"	1"	1.84"	1.45"	.27"	4.04"															Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W36VT (2)	W36VT (2) W36RT (2)	U36RT (2)	Yellow	L115	1-5/8"							
YA38-L2NT38-FX	1	(500 kcmil nom.)		3/8"	1"	1.63"	1.45"	.27"	4.35"																												
YA38-L2NNT-FX	1			1/2"	1-3/4"	1.63"	1.45"	.27"	5.35"																												
YA39-L2NTC-FX	1	600 kcmil	—	1/2"	1-3/4"	1.91"	1.42"	.27"	5.36"																						Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W37VT (2)	W37VT (2) W37RT (2)	U37RT (2)	Black	24	1-5/16"
YA40-L2NTC-FX	1	646 kcmil 1600/24	400	1/2"	1-3/4"	1.95"	1.42"	.30"	5.38"																												
YA40-L2TC38-FX	1			3/8"	1"	1.98"	1.42"	.30"	4.28"																												
YA40-L2NNT-FX	1			1/2"	1-3/4"	1.63"	1.42"	.30"	5.38"																												
YA44-L2TC38-FX	1	777.7 kcmil 1925/24 (750 kcmil nom.)	500	3/8"	1"	2.19"	1.65"	.33"	4.74"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W38VT (2)	W38VT (2) W38RT (2)	U38RT (2)	Purple	23	1-3/8"																					
YA44-L2NTC-FX	1			1/2"	1-3/4"	2.19"	1.65"	.33"	5.74"																												
YA44-L2TC58-FX	1			5/8"	1-1/2"	2.19"	1.65"	.33"	5.55"																												
YA44-L2TC12-FX	1			1/2"	1-1/4"	2.19"	1.65"	.33"	5.05"																												
YA44-L2TC12E3-FX	1			1/2"	1-1/2"	2.19"	1.65"	.33"	5.30"																												
YA44-L2NT38-FX	1			3/8"	1"	1.63"	1.65"	.33"	4.74"																												
YA44-L2NNT-FX	1	1/2"	1-3/4"	1.63"	1.65"	.33"	5.74"																														

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

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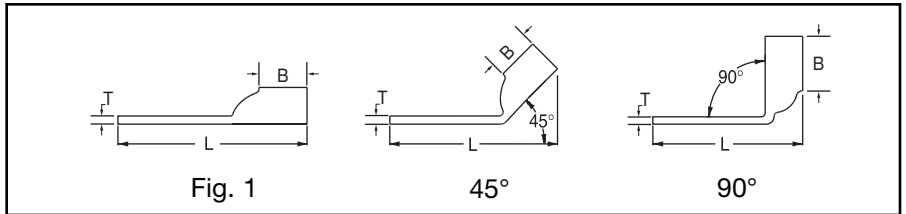
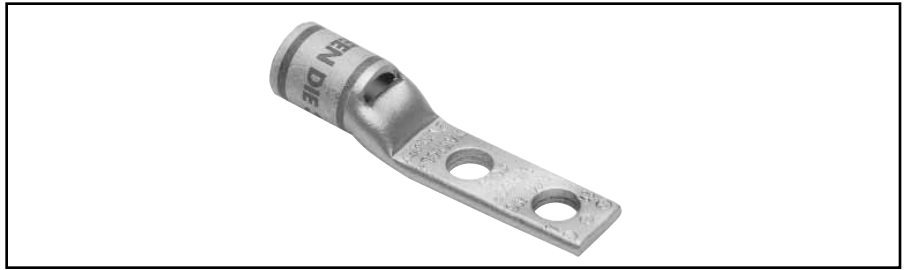
**TWO HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
NARROW TONGUE**

TYPE YAV-L-NTFX

**COPPER COMPRESSION
NARROW TONGUE TERMINAL**

UL Listed 90° C
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length		
		AWG	*** MM²				(B)	(T)	(L)		Mechanical		Hydraulic			Color Code	Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAV4CL2NT10E1FX	1	#4 AWG		#10	1.00"	0.41"	0.50"	0.09"	2.33"	MY29-11 (1) Y1MRTC (2)	W4CVT (1)	W4CVT (1)					
YAV4CL2NT10FX	1	#4 Weld 91/24	—		0.63"	0.41"	0.50"	0.09"	1.95"	Y81KFT (1)	W4CRT (1)	W4CRT (1)	U4CRT (1)	Gray	8	9/16"	
YAV4CL2NT14FX	1	105/24		1/4"	0.63"	0.45"	0.50"	0.09"	2.08"	Y81KFTMBH (1) PAT81KFT-18V (1)	X4CRT (1)	X4CRT (1)					
YAV2CL2NT10FX	1	#2 AWG		#10	0.63"	0.48"	0.63"	0.10"	2.14"	MY29-11 (1) Y1MRTC (2)	W2CVT (1)	W2CVT (1)					
YAV2CL2NT14E1FX	1	#2 Weld 125/24	35		1.00"	0.48"	0.63"	0.10"	2.63"	Y81KFT (1)	W2CRT (1)	W2CRT (1)	U2CRT (1)	Brown	10	11/16"	
YAV2CL2NT14FX	1	150/24		1/4"	0.63"	0.48"	0.63"	0.10"	2.26"	Y81KFTMBH (1) PAT81KFT-18V (1)	X2CRT (1)	X2CRT (1)					
YAV1CL2NT14FX	1	#1 AWG		1/4"	0.63"	0.50"	0.62"	0.12"	2.28"	MY29-11 (1) Y81KFT (1)	W1CVT (1)	W1CVT (1)					
YAV1CL2NT516FX	1	#1 Weld 175/24 225/24	—	5/16"	1.00"	0.58"	0.63"	0.12"	2.72"	Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT-1 (1) X1CRT-1 (1)	W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16"	
YAV25L2NT14E1FX	1	1/0 AWG		1/4"	1.00"	0.64"	0.69"	0.12"	2.76"	MY29-11 (1) Y81KFT (1)	W25VT (2)	W25VT (2)					
YAV25L2NT14FX	1	1/0 Weld 275/24	50		1/4"	0.63"	0.64"	0.12"	2.39"	Y81KFTMBH (1)	W25RT (2)	W25RT (2)	U25RT (1)	Pink	12	11/16"	
YAV25L2NT516FX	1			5/16"	1.00"	0.58"	0.69"	0.12"	2.82"	PAT81KFT-18V (1)	X25RT (2)	X25RT (2)					
YAV26L2NT14FX	1	2/0 AWG		1/4"	0.63"	0.76"	0.81"	0.13"	2.56"	MY29-11 (1) Y644HS (1)	W26VT (2)	W26VT (2)					
YAV26L2NT516FX	1	2/0 Weld 325/24	70		5/16"	1.00"	0.58"	0.13"	2.99"	Y81KFT (1)	W26RT (2)	W26RT (2)	U26RT (1)	Black	13	13/16"	
YAV26L2NT38FX	1			3/8"	1.00"	0.63"	0.81"	0.13"	3.23"	Y81KFTMBH (1) PAT81KFT-18V (1)	X26RT (2)	X26RT (2)					
YAV28L2ENT14FX	1	4/0 AWG		1/4"	0.63"	0.76"	1.03"	0.15"	2.86"	MY29-11 (1) Y644HS (1)	W28VT (2)	W28VT (2)					
YAV28L2NT38FX	1	4/0 Weld 550/24	—	3/8"	1.00"	0.94"	1.03"	0.15"	3.43"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28RT (2) X28RT (3)	W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"	

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

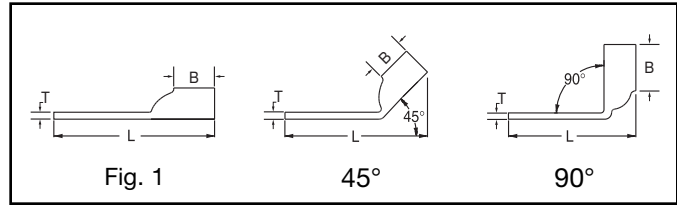
BURNDY®

Copper Compression – Flex – Standard Barrel – Narrow Tongue

C-60

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YAV29L2NT38FX	1	4/0 AWG 4/0 Weld 550/24	—	3/8"	1.00"	0.94"	1.03"	0.16"	3.43"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"
YA31L2NT38FX	1	250 Flex 637/24 Class I,K,M	150	3/8"	1.00"	0.96"	1.06"	0.18"	3.51"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"
YA32L2NT38FX	1	313.1 kcmil 775/24 300 Flex	185	3/8"	1.00"	0.96"	1.19"	0.20"	3.69"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4"
YA34L2NT38FX	1	373.7 kcmil 925/24 350 Flex	240	3/8"	1.00"	0.96"	1.27"	0.23"	3.88"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"
YA36L2NT38FX	1	444.4 kcmil 1100/24 450 Flex	—	3/8"	1.00"	1.63"	1.38"	0.27"	4.24"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U34RT (2)	Brown	20	1-7/16"
YA38L2ENT38FX	1	535.3 kcmil	300	3/8"	1.00"	1.50"	1.45"	0.27"	4.35"	Y644HS (1) Y81KFT (1)	—	—	U38XRT (2)	Pink	L99	1-7/16"
YA38L2NT38FX	1	1325/24		3/8"	1.00"	1.63"	1.45"	0.27"	4.35"	Y81KFTMBH (1)						
YA38L2NNTFX	1	500 Flex		1/2"	1.75"	1.63"	1.45"	0.27"	5.35"	PAT81KFT-18V (1)						
YA40L2NNTFX	1	646 kcmil 1600/24 650 Flex	400	1/2"	1.75"	1.63"	1.42"	0.30"	5.38"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16"
YA44L2NNTFX	1	777.7 kcmil	500	1/2"	1.75"	1.63"	1.65"	0.33"	5.74"	Y644HS (1) Y81KFT (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8"
YA44L2NT38FX	1	1925/24 750 Flex		3/8"	1.00"	1.63"	1.65"	0.33"	4.74"	Y81KFTMBH (2) PAT81KFT-18V (2)						
YA45L2NT38FX	1	929 kcmil 2300/24	—	3/8"	1.00"	1.70"	2.00"	0.38"	5.18"	—	—	—	P44RT(2)	White	27	2-1/16"

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

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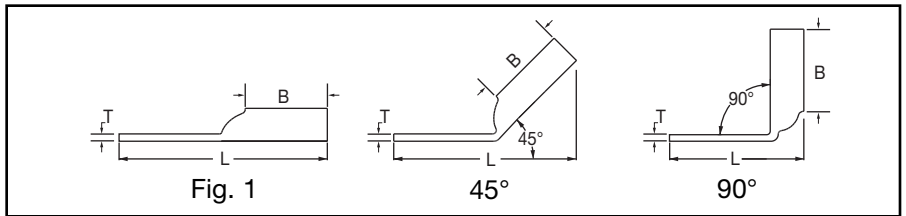
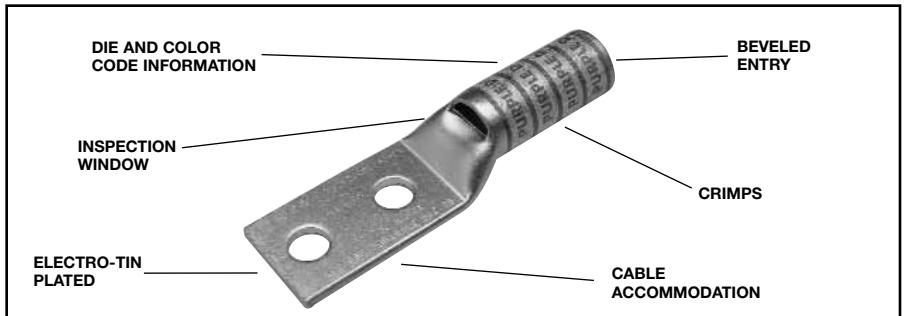
**TWO HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL WITH
INSPECTION WINDOW**

TYPE YAZ-FX

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAZ8C2TC10FX	1	37/24 #8 Weld #3 AWG	10	# 10	5/8"	.41"	.75"	.08"	2.20"	Y8MRB-1 (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	1"	
YAZ8C2TC10E2FX	1			# 10	3/4"	.41"	.75"	.08"	2.33"	MY29-11 (2)							
YAZ8C2TC14E1FX	1			1/4"	1"	.44"	.75"	.08"	2.70"	Y1MRTC (2)							
YAZ8C2TC14FX	1			1/4"	5/8"	.44"	.75"	.08"	2.32"	Y81KFT (1)							
YAZ8C2TC14E2FX	1			1/4"	3/4"	.44"	.75"	.08"	2.45"	Y81KFTMBH (1)							
YAZ8C2TC38FX	1			3/8"	1"	.58"	.75"	.06"	2.89"	PAT81KFT-18V (1)							
YAZV6C2TC10E2FX	1	61/24 #6 Weld #6 AWG	16	# 10	3/4"	.48"	.75"	.08"	2.64"	MY29-11 (2) Y644HS (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16"	
YAZV6C2TC14FX	1			1/4"	5/8"	.48"	.75"	.08"	2.65"								
YAZV6C2TC14E2FX	1			1/4"	3/4"	.48"	.75"	.08"	2.78"								
YAZV6C2TC14E1FX	1			1/4"	1"	.48"	.75"	.08"	3.03"								
YAZV6C2TC38FX	1			3/8"	1"	.58"	.75"	.06"	3.22"								
YAZV6C2TC38E2FX	1			3/8"	3/4"	.58"	.75"	.06"	2.97"								
YAZV6C2TC38E6FX	1			3/8"	7/8"	.58"	.75"	.06"	3.09"								
YAZV4C2TC38E2-FX	1			3/8"	3/4"	.58"	1.25"	.08"	3.14"	Y1MRTC (4)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16"	
YAZV4C2TC38FX	1	91/24-105/24 #4 Weld #4 AWG	—	3/8"	1"	.58"	1.25"	.08"	3.39"	MY29-11 (2)							
YAZV4C2TC14FX	1			1/4"	5/8"	.55"	1.25"	.09"	2.83"	Y644HS (1)							
YAZV4C2TC14E2FX	1			1/4"	3/4"	.55"	1.25"	.09"	2.95"	Y81KFT (1)							
										Y81KFTMBH (1)							
YAZV2C2TC14FX	1	125/24-150/24 #2 Weld #2 AWG	35	1/4"	5/8"	.68"	1.38"	.10"	3.01"	Y1MRTC (4)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16"	
YAZV2C2TC14E2FX	1			1/4"	3/4"	.68"	1.38"	.10"	3.13"	MY29-11 (4)							
YAZV2C2TC38FX	1			3/8"	1"	.68"	1.38"	.10"	3.57"	Y644HS (1)							
YAZV2C2TTCFX	1			1/2"	1-3/4"	.83"	1.38"	.10"	4.76"	Y81KFT (1)							
																	PAT81KFT-18V (1)
YAZV1C2TC14FX	1	175/24-225/24 #1 Weld #1 AWG	—	1/4"	5/8"	.75"	1.38"	.12"	3.04"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16"	
YAZV1C2TC14E1FX	1			1/4"	1"	.75"	1.38"	.12"	3.41"								
YAZV1C2TC14E2FX	1			1/4"	3/4"	.75"	1.38"	.12"	3.16"								
YAZV1C2TC38FX	1			3/8"	1"	.75"	1.38"	.12"	3.60"								
YAZV1C2TC516E6FX	1			5/16"	7/8"	.75"	1.38"	.12"	3.35"								
YAZV1C2TC516FX	1			5/16"	1"	.75"	1.38"	.12"	3.47"								

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
 ** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
 *** The MM² conductor size listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
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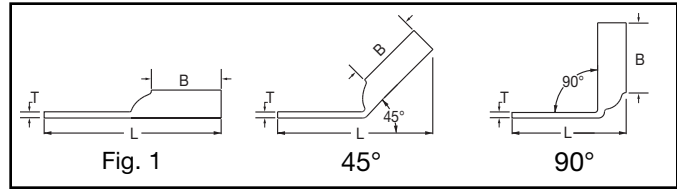
Compression Connections

BURNDY®

Copper Compression – Flex – Long Barrel – Inspection Window

C-62

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length		
		AWG	MM²				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index	
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750					
YAZV252TC14FX	1	275/24 1/0 Weld 1/0 AWG	50	1/4"	5/8"	.83"	1.50"	.12"	3.20"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4)	W25RT (4)	U25RT (2)	Pink	12	1-9/16"		
YAZV252TC14E2FX	1			1/4"	3/4"	.83"	1.50"	.12"	3.32"		W25RT (4)	W25RT (4)						
YAZV252TC38FX	1			3/8"	1"	.83"	1.50"	.12"	3.76"		X25RT (4)	X25RT (4)						
YAZV252NTCFX	1			1/2"	1-3/4"	.83"	1.50"	.12"	4.95"									
YAZV262TC14FX	1	325/24 2/0 Weld 2/0 AWG	70	1/4"	5/8"	.93"	1.50"	.13"	3.20"		W26VT (4)	W26RT (4)	U26RT (2)	Black	13	1-9/16"		
YAZV262TC14E2FX	1			1/4"	3/4"	.93"	1.50"	.13"	3.32"		W26RT (4)	W26RT (4)						
YAZV262TC38FX	1			3/8"	1"	.93"	1.50"	.13"	3.76"		X26RT (4)	X26RT (4)						
YAZV262NTCFX	1			1/2"	1-3/4"	.93"	1.50"	.13"	4.95"									
YAZV272TC14E2FX	1	450/24 3/0 Weld 3/0 AWG	95	1/4"	3/4"	1.03"	1.50"	.14"	3.36"		W27VT (4)	W27RT (4)	U27RT (2)	Orange	14	1-9/16"		
YAZV272TC38FX	1			3/8"	1"	1.03"	1.50"	.14"	3.80"		W27RT (4)	W27RT (4)						
YAZV282TC14E2FX	1	550/24 4/0 Weld 4/0 AWG	120	1/4"	3/4"	1.14"	1.62"	.15"	3.52"		W28VT (4)	W28RT (4)	U28RT (2)	Purple	15	1-11/16"		
YAZV282NT38FX	1			3/8"	1"	.94"	1.62"	.15"	3.96"		W28RT (4)	W28RT (4)						
YAZV282TC38FX	1			3/8"	1"	1.14"	1.62"	.15"	3.96"	X28RT (6)	X28RT (6)							
YAZV282NTCFX	1			1/2"	1-3/4"	1.14"	1.62"	.15"	4.93"									
YAZV292NT516FX	1	550/24 4/0 Weld	—	5/16"	1-3/4"	1.20"	2.00"	.16"	4.62"	W29VT (4)	W29RT (4)	U29RT (2)	Yellow	16	2-1/16"			
YAZ302TC38FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str.	—	3/8"	1"	1.20"	2.00"	.16"	4.42"	X29RT (8)	W29RT (4)	X29RT (8)						
YAZ312TC38FX	1	250 Flex 637/24	150	3/8"	1"	1.28"	2.00"	.18"	4.45"	W30VT (4)	W30RT (4)	U30RT (4)	White	17	2-1/16"			
YAZ312TC14E2FX	1	CLASS I, K, M		1/4"	3/4"	1.29"	2.00"	.18"	4.02"	W30RT (4)	W30RT (4)							
YAZ322TC38FX	1	775/24 313.1 kcmil	185	3/8"	1"	1.55"	2.12"	.19"	4.62"	Y644HS (1) Y81KFT (2)	W31VT (4)	W31RT (4)	U31RT (4)	Red	18	2-3/16"		
YAZ342TC14E2FX	1	373.3 kcmil 925/24 (350 kcmil nom.)	240	1/4"	3/4"	1.55"	2.25"	.23"	4.42"	Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (4)	W32RT (4)	U32RT (4)	Blue	19	2-5/16"		
YAZ342NT38FX	1			3/8"	1"	.96"	2.25"	.23"	4.85"	W32RT (4)	W32RT (4)							
YAZ342TC38FX	1			3/8"	1"	1.55"	2.25"	.23"	4.85"									
YAZ342NTCFX	1			1/2"	1-3/4"	1.55"	2.25"	.23"	6.04"									
YAZ362TC38FX	1	1100/24 444.4 kcmil	—	3/8"	1"	1.72"	2.69"	.27"	5.55"			U34RT (4)	Brown	20	2-3/4"			
YAZ382NT38FX	1	535.3 kcmil 1325/24 (500 kcmil nom.)	300	3/8"	1"	1.63"	2.81"	.27"	5.72"				U38XRT (4)	Pink	L99	2-7/8"		
YAZ382TC38FX	1			3/8"	1"	1.81"	2.81"	.27"	5.72"									
YAZ382NNTFX	1			1/2"	1-3/4"	1.63"	2.81"	.27"	6.72"									
YAZ382NTCFX	1			1/2"	1-3/4"	1.84"	2.81"	.27"	6.72"									
YAZ402NTCFX	1	646 kcmil 1600/24 650 kcmil Flex	—	1/2"	1-3/4"	1.93"	2.94"	.30"	6.89"	Y644HS (1) Y644MBH (1)	U39RT (4)		U39RT (4)	Black	24	3"		
YAZ442NT38FX	1	750 Flex 1925/24 Str. 777.7 kcmil	—	3/8"	1"	1.63"	3.00"	.33"	6.08"				U44XRT (4)	Yellow	L115	3-1/16"		

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

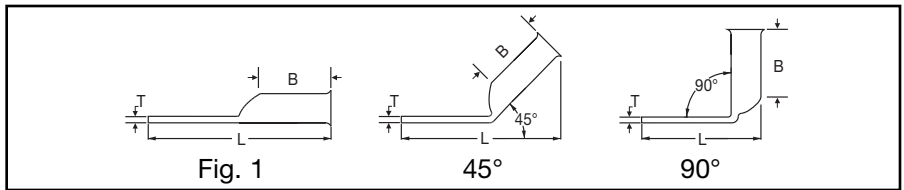
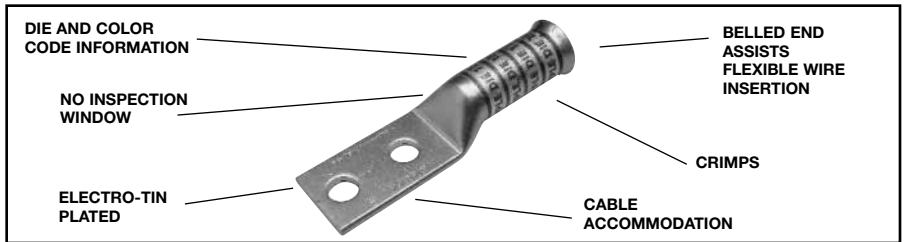
Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL
BELLED END**

**TYPES YA-2TC-FXB,
YAV-2TC-FXB**

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS		Y35, Y39, Y750, Y46*, PAT750	Color Code	
YA8C2TC14E2-FXB	1	37/24 #8 Weld #8 AWG	** 10	1/4"	3/4"	.41"	.90"	.08"	2.54"	Y8MRB-1 (2) Y1MRTC (2) MY29-11 (2) Y81KFT (1)	W8CRT (2) W8CVT (2) X8CRT (2)	W8CRT (2) W8CVT (2) X8CRT (2)	U8CRT (2)	Red	49	1"
YA8C2TC38-FXB	1			3/8"	1"	.57"	.90"	.06"	2.98"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YAV6C2TC14E2-FXB	1	61/24 #6 Weld #6 AWG	** 16	1/4"	3/4"	.48"	1.22"	.08"	2.88"	Y1MRTC (2) MY29-11 (2) Y644HS (1) Y81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-5/16"
YAV6C2TC14-FXB	1			1/4"	5/8"	.48"	1.22"	.08"	2.76"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YAV6C2TC38-FXB	1			3/8"	1"	.60"	1.22"	.06"	3.32"	Y644HS (1) Y81KFT (1)						
YAV6C2N-FXB	1			1/2"	1-3/4"	.77"	1.22"	.04"	4.51"	PAT81KFT-18V (1)						
YAV5C2TC14-FXB	1	#5 AWG	—	1/4"	5/8"	.44"	1.22"	.07"	2.76"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)						
YAV4C2TC14E2-FXB	1	91/24 - 105/24 #4 Weld #4 AWG	—	1/4"	3/4"	.55"	1.22"	.09"	2.93"	Y1MRTC (4) MY29-11 (2) Y644HS (1) Y81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16"
YAV4C2TC14-FXB	1			1/4"	5/8"	.55"	1.22"	.09"	2.81"	Y81KFT (1)						
YAV4C2TC516-FXB	1			5/16"	1"	.55"	1.22"	.09"	3.24"	Y81KFTMBH (1)						
YAV4C2TC38-FXB	1			3/8"	1"	.63"	1.22"	.09"	3.37"	PAT81KFT-18V (1)						
YAV4C2N-FXB	1			1/2"	1-3/4"	.77"	1.22"	.09"	4.56"							
YA3C2TC516-FXB	1	105/24 - 125/24 #3 Weld #3 AWG	—	5/16"	1"	.55"	1.48"	.09"	3.51"	MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-9/16"
YA3C2TC38-FXB	1			3/8"	1"	.58"	1.48"	.09"	3.64"							
YA3C2N-FXB	1			1/2"	1-3/4"	.77"	1.48"	.09"	4.83"							
YAV2C2TC14-FXB	1	125/24 - 150/24 #2 Weld #2 AWG	35	1/4"	5/8"	.67"	1.35"	.10"	3.00"	MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16"
YAV2C2TC14E2-FXB	1			1/4"	3/4"	.67"	1.35"	.10"	3.13"							
YAV2C2TC14E1-FXB	1			1/4"	1"	.67"	1.35"	.10"	3.38"							
YAV2C2TC516-FXB	1			5/16"	1"	.67"	1.35"	.10"	3.44"							
YAV2C2TC38-FXB	1			3/8"	1"	.67"	1.35"	.10"	3.57"							
YAV2C2N-FXB	1			1/2"	1-3/4"	.77"	1.35"	.09"	4.76"							
YAV1C2TC38-FXB	1			175/24 - 225/24 #1 Weld #1 AWG	—	3/8"	1"	.75"	1.50"							
YAV1C2N-FXB	1	1/2"	1-3/4"			.77"	1.50"	.12"	4.92"							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.
Note: All dimensions shown are for reference only.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Consult shielded cable manufacturers for stress relief instructions.

Blue highlighted items are industry standard and most frequently ordered.

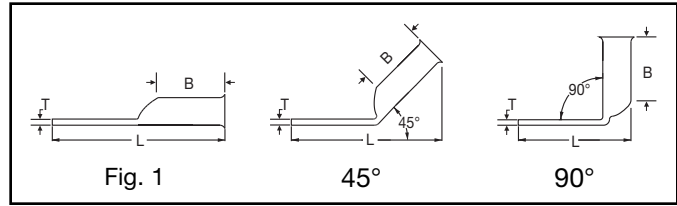
Compression Connections

BURNDY®

Copper Compression – Flex – Long Barrel – Belled End – No Inspection Window

C-64

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical		Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YAV252TC14-FXB	1	275/24	50	1/4"	5/8"	.83"	1.50"	.12"	3.21"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25RT (4)	W25RT (4)	U25RT (2)	Pink	12	1-9/16"	
YAV252TC14E2-FXB	1	1/0 Weld		1/4"	3/4"	.83"	1.50"	.12"	3.34"		W25VT (4)	W25VT (4)					
YAV252TC38-FXB	1	1/0 AWG		3/8"	1"	.83"	1.50"	.12"	3.78"		X25RT (4)	X25RT (4)					
YAV252N-FXB	1		70	1/2"	1-3/4"	.83"	1.50"	.12"	4.96"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26RT (4)	W26RT (4)	U26RT (2)	Black	13	1-13/16"	
YAV262TC14-FXB	1	325/24		1/4"	5/8"	.93"	1.63"	.13"	3.40"		W26VT (4)	W26VT (4)					
YAV262TC14E2-FXB	1	2/0 Weld		1/4"	3/4"	.93"	1.63"	.13"	3.52"		W26RT (4)	W26RT (4)					
YAV262TC38-FXB	1	2/0 AWG	95	3/8"	1"	.93"	1.63"	.13"	3.96"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	X26RT (4)	X26RT (4)	U26RT (2)	Black	13	1-13/16"	
YAV262NTC38-FXB	1	2/0 AWG		3/8"	1-3/4"	.93"	1.63"	.13"	4.71"		W27RT (4)	W27RT (4)					
YAV262N-FXB	1	3/0 AWG		1/2"	1-3/4"	.93"	1.63"	.13"	5.15"		W27VT (4)	W27VT (4)					
YAV272TC14E2-FXB	1	450/24	120	1/4"	3/4"	1.02"	1.64"	.14"	3.58"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27RT (4)	W27RT (4)	U27RT (2)	Orange	14	1-13/16"	
YAV272TC38-FXB	1	3/0 Weld		3/8"	1"	1.02"	1.64"	.14"	4.01"		W27VT (4)	W27VT (4)					
YAV272N-FXB	1	3/0 AWG		1/2"	1-3/4"	1.02"	1.64"	.14"	5.20"		X27RT (4)	X27RT (4)					
YAV282TC14E2-FXB	1	550/24	120	1/4"	3/4"	1.14"	1.77"	.14"	3.76"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28RT (4)	W28RT (4)	U28RT (2)	Purple	15	1-7/8"	
YAV282NTC38-FXB	1	4/0 Weld		3/8"	1"	.75"	1.77"	.14"	4.20"		W28VT (4)	W28VT (4)					
YAV282N-FXB	1	4/0 AWG		3/8"	1"	1.14"	1.77"	.14"	4.20"		X28RT (6)	X28RT (6)					
YAV282NTC38-FXB	1	4/0 AWG	120	3/8"	1-3/4"	1.14"	1.77"	.14"	4.20"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28RT (4)	W28RT (4)	U28RT (2)	Purple	15	1-7/8"	
YAV282N-FXB	1	4/0 AWG		1/2"	1-3/4"	1.14"	1.77"	.14"	5.39"		X28RT (6)	X28RT (6)					
YAV292TC14E2-FXB	1	550/24		120	1/4"	3/4"	1.14"	1.77"	.14"		3.76"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)					W29RT (4)
YAV292NTC38-FXB	1	4/0 Weld	3/8"		1"	.75"	2.00"	.15"	4.20"	W29VT (4)	W29VT (4)						
YAV292N-FXB	1	4/0 AWG	3/8"		1-3/4"	1.14"	2.00"	.15"	4.20"	X29RT (6)	X29RT (6)						
YAV292NTC38-FXB	1	4/0 Weld	120	3/8"	1"	1.14"	2.00"	.15"	4.20"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4)	W29VT (4)	U29RT (2)	Yellow	16	1-7/8"	
YAV292N-FXB	1	4/0 AWG		1/2"	1-3/4"	1.14"	2.00"	.15"	5.39"		X29RT (6)	X29RT (6)					
YA302N-FXB	1	250 Flex - CLASS G 259 Str. CLASS H 427 Str.		—	1/2"	1-3/4"	1.20"	2.12"	.16"		5.80"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)					W30RT (4)
YA312TC38-FXB	1	250 Flex	150	3/8"	1"	1.29"	2.18"	.18"	4.66"	W30VT (4)	W30VT (4)						
YA312N-FXB	1	637/24 CLASS I, K, M	150	1/2"	1-3/4"	1.29"	2.18"	.18"	5.85"	W31RT (4)	W31RT (4)						
YA322TC38-FXB	1	775/24	185	3/8"	1"	1.40"	2.32"	.19"	4.85"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (4)	W31VT (4)	U31RT (4)	Red	18	2-1/4"	
YA322N-FXB	1	313.1 kcmil		185	1/2"	1-3/4"	1.40"	2.32"	.19"		6.04"	W31VT (4)					W31VT (4)
YA342TC38-FXB	1	925/24 373.7 kcmil	240	3/8"	1"	1.55"	2.48"	.23"	5.10"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32RT (4)	W32RT (4)	U32RT (4)	Blue	19	2-9/16"	
YA342N-FXB	1	(350 kcmil nom.)		240	1/2"	1-3/4"	1.55"	2.48"	.23"		6.29"	W32VT (4)					W32VT (4)
YA362MFXB	1	1100/24 444.4 kcmil (450 nom.)	—	1/2"	1-3/4"	1.73"	2.95"	.26"	6.84"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W34RT (4)	W34RT (4)	U34RT (4)	Brown	20	3-1/16"	
YA382TC38-FXB	1	1325/24	300	3/8"	1"	1.84"	3.08"	.26"	6.01"		Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W38RT (4)					W38RT (4)
YA382N-FXB	1	535.3 kcmil		300	1/2"	1-3/4"	1.84"	3.08"	.26"	7.01"		W38VT (4)	W38VT (4)				
YA382-FXBG2	1	(500 kcmil nom.)		300	3/8"	2"	1.84"	3.08"	.27"	6.82"		X38RT (4)	X38RT (4)				
YA382-FXBG3	1	(500 kcmil nom.)		300	1/2"	1-3/16"	1.84"	3.08"	.27"	6.26"		X38RT (4)	X38RT (4)				

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.

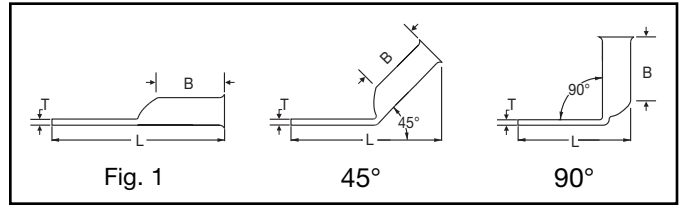
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL
BELLED END
(Continued)**

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	*** MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750			
YA402N-FXB	1	1600/24 646 kcmil	400	1/2"	1-3/4"	1.98"	3.24"	.30"	7.22"	—	—	U39RT (4)	Black	24	3-5/16"	
YA442TC38-FXB	1	1925/24	500	3/8"	1"	2.19"	3.33"	.33"	6.44"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U44XRT (4)	Yellow	L115	3-7/16"
YA442N-FXB	1	777.7 kcmil (750 kcmil nom.)		1/2"	1-3/4"	2.19"	3.33"	.33"	7.44"							
YA462N-FXB	1	2750/24 1111 kcmil (1000 kcmil nom.)		—	1/2"	1-3/4"	2.69"	3.58"	.39"							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Long Barrel – Narrow Tongue

C-66

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL NARROW TONGUE

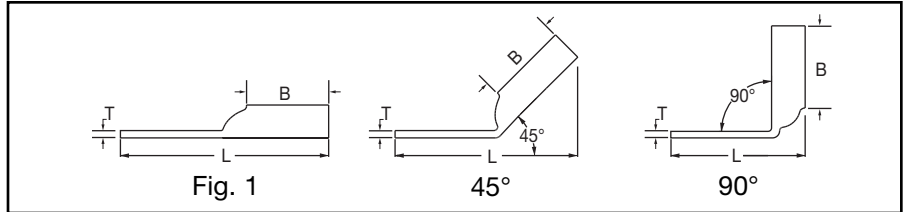
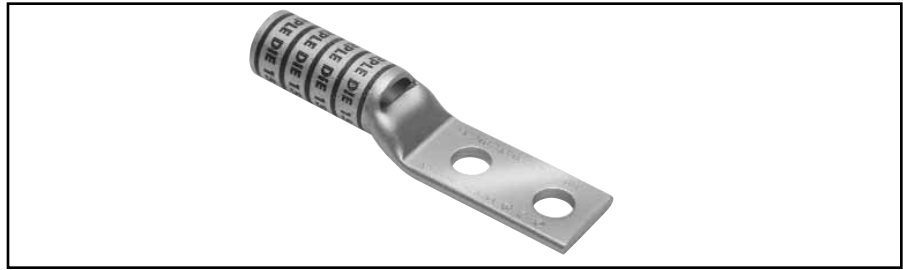
TYPES YAZ-2-NTFX,
YAZV-2NTFX

COPPER COMPRESSION
NARROW TONGUE TERMINAL

UL Listed 90° C
600 Volts to 35 kV ◆

45° and 90° angles are available.

Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM²				(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500C7HS	Y35, Y39, Y750, Y46*, PAT750			
YAZV4C2NT14E2FX	1	#4 AWG #4 Weld 91/24 105/24	—	1/4"	0.75"	0.44"	1.25"	0.09"	2.95"	Y1MRTC (4) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16"
YAZV2C2NT14E2FX	1	#2 AWG #2 Weld 125/24 150/24	35	1/4"	0.75"	0.50"	1.38"	0.10"	3.14"	Y1MRTC (4) MY29-11 (4) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16"
YAZV282NT38FX	1	4/0 AWG 4/0 Weld 550/24	—	3/8"	1.00"	0.94"	1.62"	0.17"	3.96"	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"
YAZV292NT516FX	1	4/0 Flex Class I,K,M	—	5/16"	1.00"	0.96"	2.00"	0.16"	4.28"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16"
YAZ342NT38FX	1	373.7 kcmil 925/24 350 Flex	240	3/8"	1.00"	0.96"	2.25"	0.23"	4.85"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16"
YAZ382ENT38FX	1	535.3 kcmil 1325/24 500 Flex	300	3/8"	1.00"	1.46"	2.81"	0.27"	5.72"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8"

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

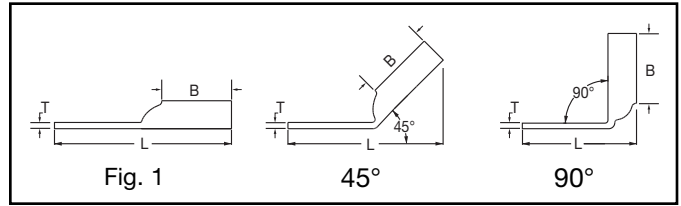
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
FLEX CONDUCTOR
LONG BARREL
NARROW TONGUE
(Continued)**

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-67

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM ²				(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code		Die Index
											MD6, OUR840, MD7-34R	BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750			
YAZ382NNTFX	1	535.3 kcmil 1325/24 500 Flex	300	1/2"	1.75"	1.62"	2.81"	0.27"	6.72"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8"
YAZ382NT38FX	1	535.3 kcmil 1325/24 500 Flex	300	3/8"	1.00"	1.62"	2.81"	0.27"	5.72"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8"
YAZ442NT38FX	1	777.7 kcmil 1925/24 750 Flex	500	3/8"	1.00"	1.62"	3.00"	0.33"	6.09"	—	—	—	U44XRT (4)	Yellow	L115	3-1/16"

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Lead Plated – No Inspection Window

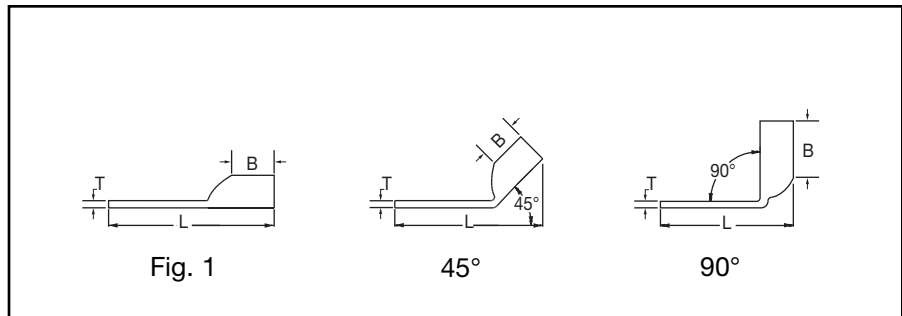
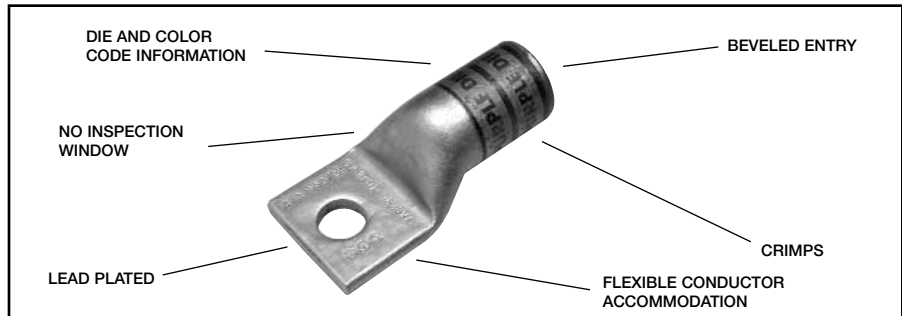
C-68

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED

TYPE YAG-L-TC-LD

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling					Wire Strip Length				
		AWG	MM²			***	(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic			Color Code	Die Index		
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750					
YAG18TC516LD	1	22-18 AWG			5/16"	.52"	.25"	.06"	1.42"	MR20 (1)							1/4"	
YAG8CLTC10LD	1	37/24 #8 Weld 8 AWG	10	**	#10	.41"	.44"	.08"	1.19"	MY29-11 (1)								
YAG8CLTC14LD	1				1/4"	.44"	.44"	.08"	1.32"	Y1MRTC (1)	W8CVT (1)	W8CVT (1)						
YAG8CLTC516LD	1				5/16"	.52"	.44"	.06"	1.38"	Y81KFT (1)	W8CRT (1)	W8CRT (1)	U8CRT (1)	Red	49	7/16"		
YAG8CLTC38LD	1				3/8"	.58"	.44"	.06"	1.51"	Y81KFTMBH (1)	X8CRT (1)	X8CRT (1)						
YAG8CLTC12LD	1				1/2"	.71"	.44"	.05"	1.76"	PAT81KFT-18V (1)								
YAG6CLTC10LD	1	61/24 #6 Weld #6 AWG	16	**	#10	.41"	.50"	.08"	1.30"	Y1MRTC (1)								
YAG6CLTC14LD	1				1/4"	.48"	.50"	.08"	1.43"	MY29-11 (1)	W5CVT (1)	W5CVT (1)						
YAG6CLTC516LD	1				5/16"	.52"	.50"	.07"	1.49"	Y81KFT (1)	W5CRT (1)	W5CRT (1)	U5CRT (1)	Blue	7	1/2"		
YAG6CLTC38LD	1				3/8"	.58"	.50"	.06"	1.61"	Y81KFTMBH (1)	X5CRT (1)	X5CRT (1)						
YAG6CLTC12LD	1				1/2"	.75"	.50"	.12"	1.86"	PAT81KFT-18V (1)								
YAG4CLTC10LD	1	91/24 - 105/24 #4 Weld 4 AWG	—	—	#10	.55"	.50"	.09"	1.36"	Y1MRTC (2)								
YAG4CLNT10LD	1				#10	.41"	.50"	.09"	1.36"	MY29-11 (1)	W4CVT (1)	W4CVT (1)						
YAG4CLTC14LD	1				1/4"	.55"	.50"	.09"	1.48"	Y81KFT (1)	W4CRT (1)	W4CRT (1)	U4CRT (1)	Gray	8	1/2"		
YAG4CLTC516LD	1				5/16"	.55"	.50"	.08"	1.55"	Y81KFTMBH (1)	X4CRT (1)	X4CRT (1)						
YAG4CLTC38LD	1				3/8"	.58"	.50"	.08"	1.67"	PAT81KFT-18V (1)								
YAG4CLTC12LD	1	1/2"	.71"	.50"	.07"	1.92"												
YAG2CLTC10LD	1	125/24 #2 Weld 2 AWG	35	—	#10	.68"	.63"	.10"	1.52"	Y1MRTC (2)								
YAG2CLTC14LD	1				1/4"	.68"	.63"	.10"	1.64"	MY29-11 (1)	W2CRT (1)	W2CRT (1)						
YAG2CLTC516LD	1				5/16"	.68"	.63"	.10"	1.70"	Y81KFT (1)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	11/16"		
YAG2CLTC38LD	1				3/8"	.68"	.63"	.10"	1.83"	Y81KFTMBH (1)	X2CRT (1)	X2CRT (1)						
YAG2CLTC12LD	1				1/2"	.73"	.63"	.10"	2.12"	PAT81KFT-18V (1)								
YAG1CLTC10LD	1	225/24 175/24 - #1 Weld 1 AWG	—	—	#10	.75"	.69"	.12"	1.61"	MY29-11 (1)								
YAG1CLTC14LD	1				1/4"	.75"	.69"	.12"	1.73"	Y81KFT (1)	W1CVT (1)	W1CVT (1)						
YAG1CLTC516LD	1				5/16"	.75"	.69"	.12"	1.80"	Y81KFTMBH (1)	W1CRT-1 (1)	W1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16"		
YAG1CLTC38LD	1				3/8"	.75"	.69"	.12"	1.92"	Y81KFTMBH (1)	X1CRT-1 (1)	X1CRT-1 (1)						
YAG1CLTC12LD	1				1/2"	.75"	.69"	.12"	2.17"	PAT81KFT-18V (1)								

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 ** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
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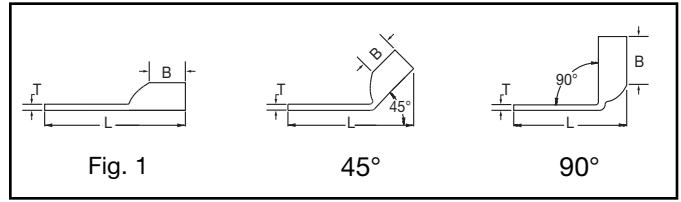
▲ See tooling section of this catalog for complete tool and die listings.
 † Alternate Tooling includes Y8MRB-1, MY29-11

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
LEAD PLATED
(Continued)**

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



C-69

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500GTHS		Y35, Y39, Y750, Y46*, PAT750		Color Code
YAG25LTC14LD	1	275/24 1/0 Weld 1/0 AWG	50	1/4"	.83"	.69"	.12"	1.77"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25RT (2) W25VT (2) X25RT (2)	W25RT (2) W25VT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"
YAG25LTC516LD	1			5/16"	.83"	.69"	.12"	1.84"							
YAG25LTC38LD	1			3/8"	.83"	.69"	.12"	1.96"							
YAG25LTC12LD	1			1/2"	.83"	.69"	.12"	2.21"							
YAG26LTC10LD	1	325/24 2/0 Weld 2/0 AWG	70	#10	.93"	.81"	.13"	1.82"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16"
YAG26LTC14LD	1			1/4"	.93"	.81"	.13"	1.95"							
YAG26LTC516LD	1			5/16"	.93"	.81"	.13"	2.01"							
YAG26LTC38LD	1			3/8"	.93"	.81"	.13"	2.13"							
YAG26LTC12LD	1			1/2"	.93"	.81"	.13"	2.38"							
YAG26LTC58LD	1			5/8"	.93"	.81"	.13"	2.63"							
YAG26LTC34LD	1	3/4"	.93"	.81"	.11"	2.89"									
YAG27LTC10LD	1	450/24 3/0 Weld 3/0 AWG	95	#10	1.03"	1.00"	.14"	2.05"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) X27RT (3) W27RT (2)	W27VT (2) X27RT (3) W27RT (2)	U27RT (1)	Orange	14	1"
YAG27LTC14LD	1			1/4"	1.03"	1.00"	.14"	2.18"							
YAG27LTC516LD	1			5/16"	1.03"	1.00"	.14"	2.24"							
YAG27LTC38LD	1			3/8"	1.03"	1.00"	.14"	2.37"							
YAG27LTC12LD	1			1/2"	1.03"	1.00"	.14"	2.62"							
YAG28LTC14LD	1	550/24 4/0 Weld 4/0 AWG	120	1/4"	1.14"	1.03"	.15"	2.26"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) X28RT (3) W28RT (2)	W28VT (2) X28RT (3) W28RT (2)	U28RT (1)	Purple	15	1-1/16"
YAG28LTC516LD	1			5/16"	1.14"	1.03"	.15"	2.32"							
YAG28LTC516N66LD	1			5/16"	1.14"	1.03"	.15"	2.64"							
YAG28LTC38LD	1			3/8"	1.14"	1.03"	.15"	2.45"							
YAG28LTC12LD	1			1/2"	1.14"	1.03"	.15"	2.70"							
YAG28LTC58LD	1			5/8"	1.14"	1.03"	.15"	2.95"							
YAG29LTC516LD	1	550/24 4/0 Weld	—	5/16"	1.14"	1.03"	.16"	2.32"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) X29RT (4) W29RT (2)	U29RT (1)	Yellow	16	1-1/16"
YAG29LTC38LD	1			3/8"	1.14"	1.03"	.16"	2.45"							
YAG29LTC12LD	1			1/2"	1.14"	1.03"	.16"	2.70"							
YAG29LTC34LD	1			3/4"	1.14"	1.03"	.16"	3.14"							
YAG30LTC58LD	1	250 Flex CLASS G - 259 Str. CLASS H - 427 Str.	—	5/8"	1.20"	1.03"	.16"	2.97"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8"
YAG30LTC34LD	1	3/4"	1.20"	1.03"	.16"	3.16"									
YAG31LTC14LD	1	637/259 250 Flex CLASS I, K, M	150	1/4"	1.29"	1.06"	.18"	2.35"							
YAG31LTC516LD	1			5/16"	1.29"	1.06"	.18"	2.41"							
YAG31LTC38LD	1			3/8"	1.29"	1.06"	.18"	2.53"							
YAG31LTC12LD	1			1/2"	1.29"	1.06"	.18"	2.78"							
YAG31LNT12LD	1			1/2"	.96"	1.06"	.18"	2.78"							
YAG31LTC58LD	1			5/8"	1.29"	1.06"	.18"	3.03"							
YAG31LTC34LD	1			3/4"	1.29"	1.06"	.18"	3.22"							
YAG32LTC38LD	1			775/24-300 Flex	185	3/8"	1.40"	1.19"							
YAG32LTC12LD	1	1/2"	1.40"	1.19"		.19"	2.97"								
YAG32LTC58LD	1	5/8"	1.40"	1.19"		.19"	3.22"								

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 *** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
 ▲ See tooling section of this catalog for complete tool and die listings.

† Alternate Tooling includes Y8MRB-1, MY29-11
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
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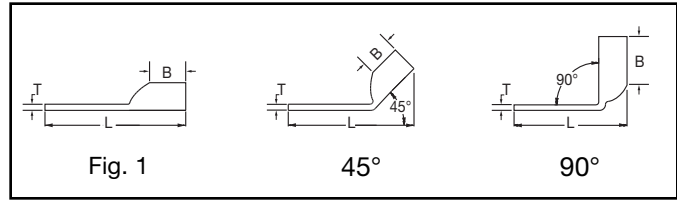
Compression Connections

BURNDY®

Copper Compression – Flex – Lead Plated – No Inspection Window

C-70

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	MM ²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750			
YAG34LTC516LD	1	925/24-350 Flex 373.7 kcmil	240	5/16"	1.55"	1.27"	.23"	2.78"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2) W32RT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16"
YAG34LTC516N66LD	1			5/16"	1.55"	1.27"	.23"	3.09"							
YAG34LNT516N66LD	1			3/8"	.96"	1.27"	.23"	3.09"							
YAG34LTC38LD	1			3/8"	1.55"	1.27"	.23"	2.91"							
YAG34LTC12LD	1			1/2"	1.55"	1.27"	.23"	3.16"							
YAG34LTC58LD	1			5/8"	1.55"	1.27"	.23"	3.41"							
YAG36LTC12LD	1	1100/24-450 Flex 444.4 kcmil	300	1/2"	1.73"	1.38"	.27"	3.34"	—	—	U34RT (2)	Brown	20	1-3/8"	
YAG36LTC58LD	1	5/8"		1.73"	1.38"	.27"	3.59"								
YAG38LTC516LD	1	1325/24		5/16"	1.84"	1.45"	.27"	3.08"							
YAG38LTC38LD	1	500 Flex		3/8"	1.84"	1.45"	.27"	3.39"							
YAG38LTC12LD	1	535.3 kcmil		1/2"	1.84"	1.45"	.27"	3.46"							
YAG38LTC58LD	1	5/8"		1.84"	1.45"	.27"	3.71"								
YAG40LTC516LD	1	1600/24-646 kcmil	400	5/16"	1.96"	1.42"	.30"	3.11"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16"
YAG40LTC38LD	1	650 Flex		3/8"	1.96"	1.42"	.30"	3.42"							
YAG40LTC12LD	1	1/2"		1.96"	1.42"	.30"	3.48"								
YAG40LTC58LD	1	5/8"		1.96"	1.42"	.30"	3.73"								
YAG44LTC12LD	1	1925/24 750 Flex	500	1/2"	2.18"	1.65"	.33"	3.85"	—	—	U44XRT (2)	Yellow	L115	1-5/8"	
YAG44LTC58LD	1	777.7 kcmil		5/8"	2.18"	1.65"	.33"	4.10"							

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▲ See tooling section of this catalog for complete tool and die listings.

† Alternate Tooling includes Y8MRB-1, MY29-11

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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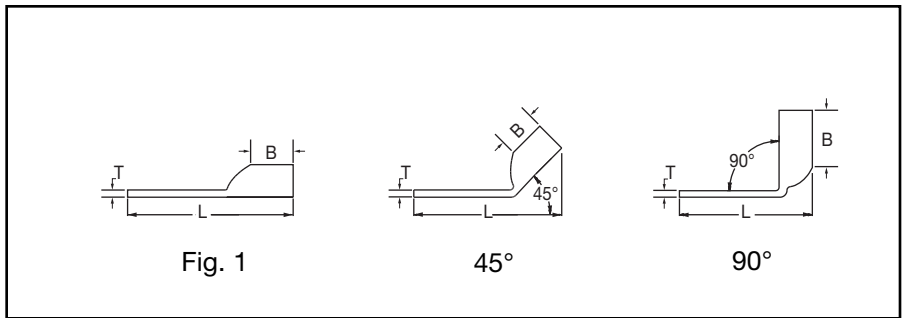
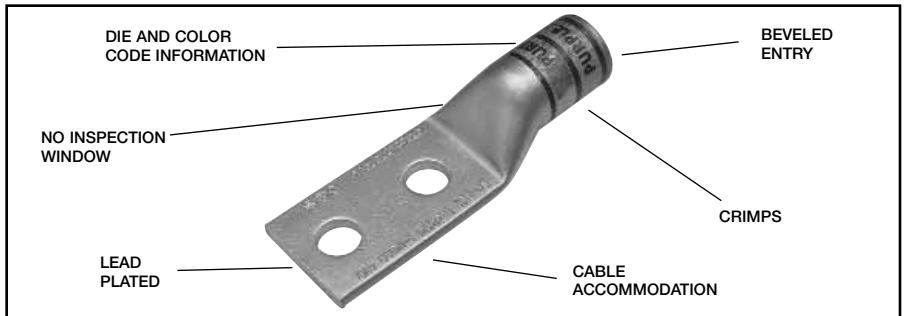
**TWO HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
LEAD PLATED**

TYPE YAG-L-2TC-LD

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
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Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length								
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index									
												BCT500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750											
YAG8CL-2TC14-LD	1	#8 Weld 37/24 #8 AWG	10	1/4"	5/8"	.41"	.44"	.08"	1.95"	MRC840 (1) MY29-3 (1) MY29-11 (1) Y8MRB-1 (1) Y1MRTC (1) Y81KFT (1)	W8CVT	W8CVT	U8CRT	Red	49	1/2"								
YAG8CL-2TC38-LD	1			3/8"	1"	.57"	.44"	.06"	2.52"	Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"								
YAG8CL-2TC10-LD	1			#10	5/8"	.41"	.44"	.08"	1.84"	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2"								
YAG8CL-2TC14E1-LD	1			1/4"	1"	.44"	.44"	.08"	2.33"															
YAG8CL-2TC14E2-LD	1	1/4"	3/4"	.44"	.44"	.08"	2.08"																	
YAG6CL-2TC10-LD	1	#10	5/8"	.44"	.50"	.07"	1.94"																	
YAG6CL-2TC10E2-LD	1	#6 Weld 61/24 #6 AWG	16	#10	3/4"	.48"	.50"	.08"	2.06"	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2"								
YAG6CL-2TC10E4-LD	1			#10	11/16"	.44"	.50"	.07"	2.00"															
YAG6CL-2TC10E-LD	1			#10	1/2"	.48"	.50"	.08"	1.81"															
YAG6CL-2TC14-LD	1			1/4"	5/8"	.48"	.50"	.08"	2.06"															
YAG6CL-2TC14E1-LD	1			1/4"	1"	.48"	.50"	.08"	2.44"															
YAG6CL-2TC14E2-LD	1			1/4"	3/4"	.48"	.50"	.08"	2.18"															
YAG6CL-2TC516-LD	1			5/16"	1"	.52"	.50"	.07"	2.50"															
YAG6CL-2TC38-LD	1			3/8"	1"	.58"	.50"	.06"	2.62"															
YAG6CL-2NTC-LD	1			1/2"	1-3/4"	.83"	.50"	.12"	3.81"															
YAG4CL-2NT10-LD	1			#4 Weld 91/24 105/24 #4 AWG	—	#10	5/8"	.41"	.50"								.09"	1.99"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8
YAG4CL-2NT10E1-LD	1	#10	1"			.41"	.50"	.09"	2.37"															
YAG4CL-2TC14-LD	1	1/4"	5/8"			.55"	.50"	.09"	2.11"															
YAG4CL-2TC14E2-LD	1	1/4"	3/4"			.55"	.50"	.09"	2.24"															
YAG4CL-2TC14E1-LD	1	1/4"	1"			.55"	.50"	.09"	2.49"															
YAG4CL-2TC38-LD	1	3/8"	1"			.58"	.50"	.08"	2.68"															
YAG4CL-2TC516-LD	1	5/16"	1"			.55"	.50"	.09"	2.56"															
YAG4CL-2NTC-LD	1	1/2"	1-3/4"			.83"	.50"	.12"	3.87"															
YAG2CL-2TC14-LD	1	#2 Weld 125/24 150/24 #2 AWG	35			1/4"	5/8"	.68"	.63"	.10"	2.28"	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"							
YAG2CL-2TC14E1-LD	1					1/4"	1"	.68"	.63"	.10"	2.63"													
YAG2CL-2TC14E2-LD	1			1/4"	3/4"	.68"	.63"	.10"	2.40"															
YAG2CL-2TC38-LD	1			3/8"	1"	.68"	.63"	.10"	2.84"															

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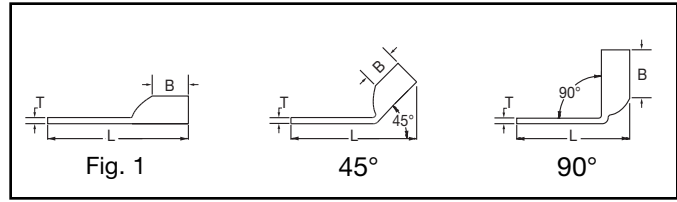
Compression Connections

BURNDY®

Copper Compression – Flex – Lead Plated – No Inspection Window

C-72

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
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Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length										
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index									
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750												
YAG2CL-2TC516-LD	1	#2 Weld 125/24	35	5/16"	1"	.68"	.63"	.10"	2.71"	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16"									
YAG2CL-2NTC-LD	1	150/24 #2 AWG		1/2"	1-3/4"	.83"	.63"	.08"	4.03"																
YAG1CL-2TC14-LD	1	#1 Weld 175/24 225/24	—	1/4"	5/8"	.75"	.69"	.12"	2.37"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16"									
YAG1CL-2TC14E2-LD	1			1/4"	3/4"	.75"	.69"	.12"	2.49"																
YAG1CL-2TC14E1-LD	1			1/4"	1"	.75"	.69"	.12"	2.73"																
YAG1CL-2TC516-LD	1			5/16"	1"	.75"	.69"	.12"	2.81"																
YAG1CL-2TC38-LD	1			3/8"	1"	.75"	.69"	.12"	2.93"																
YAG1CL-2NTC-LD	1			1/2"	1-3/4"	.83"	.69"	.11"	4.12"																
YAG25L-2TC14-LD	1	1/0 Weld 275/24	50	1/4"	5/8"	.83"	.69"	.12"	2.41"	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16"									
YAG25L-2TC14E2-LD	1			1/4"	3/4"	.83"	.69"	.12"	2.53"																
YAG25L-2TC516E2-LD	1			5/16"	3/4"	.83"	.69"	.12"	2.60"																
YAG25L-2TC516-LD	1			5/16"	1"	.83"	.69"	.12"	2.85"																
YAG25L-2TC38-LD	1			3/8"	1"	.83"	.69"	.12"	2.97"																
YAG25L-2NTC-LD	1			1/2"	1-3/4"	.83"	.69"	.12"	4.16"																
YAG25L-2TC12E1-LD	1	1/2"	1"	.83"	.69"	.12"	3.22"																		
YAG26L-2TC14-LD	1	2/0 Weld 325/24	70	1/4"	5/8"	.93"	.81"	.13"	2.58"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26RT (2) W26VT (2) X26RT (2)	W26RT (2) W26VT (2) X26RT (2)	U26RT (1)	Black	13	13/16"									
YAG26L-2TC14E2-LD	1			1/4"	3/4"	.93"	.81"	.13"	2.71"																
YAG26L-2TC516-LD	1			5/16"	1"	.93"	.81"	.13"	3.02"																
YAG26L-2TC38-LD	1			3/8"	1"	.93"	.81"	.13"	3.14"																
YAG26L-2NTC-LD	1			1/2"	1-3/4"	.93"	.81"	.13"	4.33"																
YAG27L-2TC14-LD	1			1/4"	5/8"	1.03"	1.00"	.14"	2.81"																
YAG27L-2TC14E2-LD	1	3/0 Weld 450/24	95	1/4"	3/4"	1.03"	1.00"	.14"	2.94"	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1"									
YAG27L-2TC516-LD	1			5/16"	1"	1.03"	1.00"	.14"	3.25"																
YAG27L-2TC38-LD	1			3/8"	1"	1.03"	1.00"	.14"	3.38"																
YAG27L-2NTC-LD	1			1/2"	1-3/4"	1.03"	1.00"	.14"	4.56"																
YAG28L-2TC14-LD	1			4/0 Weld 550/24	120	1/4"	5/8"	1.14"	1.03"								.15"	2.90"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16"
YAG28L-2TC14E2-LD	1					1/4"	3/4"	1.14"	1.03"								.15"	3.02"							
YAG28L-2TC516-LD	1	5/16"	1"			1.14"	1.03"	.15"	3.33"																
YAG28L-2TC38-LD	1	3/8"	1"			.94"	1.03"	.17"	3.48"																
YAG28L-2TC12E1-LD	1	1/2"	1"			1.14"	1.03"	.17"	3.71"																
YAG28L-2TC12-LD	1	1/2"	1-1/4"			1.14"	1.03"	.17"	3.96"																
YAG28L-2NTC-LD	1	1/2"	1-3/4"	1.14"	1.03"	.15"	4.65"																		
YAG29L-2TC14-LD	1	4/0 Weld 550/24	—	1/4"	5/8"	1.14"	1.03"	.16"	2.90"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"									
YAG29L-2TC14E2-LD	1			1/4"	3/4"	1.14"	1.03"	.16"	3.02"																
YAG29L-2TC516-LD	1			5/16"	1"	1.14"	1.03"	.16"	3.33"																
YAG29L-2TC38-LD	1			3/8"	1"	1.14"	1.03"	.16"	3.46"																
YAG29L-2NT38-LD	1	3/8"	1"	.94"	1.03"	.16"	3.48"																		

* Use PUADP-1 adapter with U dies in Y46 Hylpress™.
** The 16 MM² referenced here is for both Class 2 and Class 5 conductor.

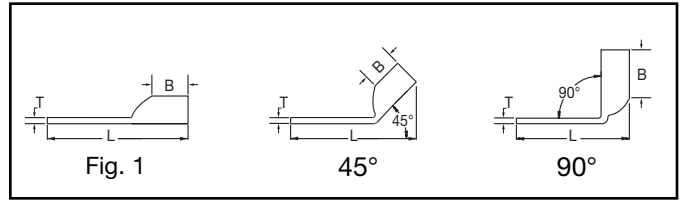
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL
LEAD PLATED
(Continued)**

UL Listed 90° C,
600 Volts to 35 kV ◆



45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BC7500HS, Y500GTHS	Y35, Y39, Y750, Y46*, PAT750			
YAG29L-2TC12E1-LD	1	4/0 Weld 550/24	—	1/2"	1"	1.14"	1.03"	.16"	3.71"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16"
YAG29L-2TC12-LD	1			1/2"	1-1/4"	1.14"	1.03"	.16"	3.96"							
YAG29L-2NTC-LD	1			1/2"	1-3/4"	1.14"	1.03"	.16"	4.65"							
YAG30L-2TC38-LD	1	250 kcmil CLASS G 259 Str. CLASS H 427 Str.	—	3/8"	1"	1.20"	1.03"	.16"	3.48"							
YAG30L-2TC12-LD	1			1/2"	1-1/4"	1.20"	1.03"	.16"	3.98"							
YAG30L-2NTC-LD	1			1/2"	1-3/4"	1.20"	1.03"	.16"	4.67"							
YAG31L-2TC38-LD	1	250 Weld 637/24 CLASS I,K,M	150	3/8"	1"	1.29"	1.06"	.18"	3.54"							
YAG31L-2NTC38-LD	1			3/8"	1-3/4"	1.29"	1.06"	.18"	4.30"							
YAG31L-2TC12-LD	1			1/2"	1-1/4"	1.29"	1.06"	.18"	4.04"							
YAG31L-2NTC-LD	1	1/2"	1-3/4"	1.29"	1.06"	.18"	4.73"									
YAG32L-2TC38-LD	1	775/24 313.1 kcmil	185	3/8"	1"	1.40"	1.19"	.19"	3.73"							
YAG32L-2NTC-LD	1			1/2"	1-3/4"	1.40"	1.19"	.19"	4.91"							
YAG34L-2TC516-LD	1	373.7 kcmil 925/24 350 kcmil CLASS I	240	5/16"	1"	1.55"	1.27"	.23"	3.79"							
YAG34L-2TC38-LD	1			3/8"	1"	1.55"	1.27"	.23"	3.92"							
YAG34L-2NT38-LD	1			3/8"	1-3/4"	.96"	1.27"	.23"	4.67"							
YAG34L-2TC12-LD	1			1/2"	1-1/4"	1.55"	1.27"	.23"	4.42"							
YAG34L-2NTC-LD	1	1/2"	1-3/4"	1.55"	1.27"	.23"	5.11"									
YAG36L-2TC38-LD	1	1100/24 444.4 kcmil	—	3/8"	1"	1.73"	1.38"	.27"	4.28"							
YAG36L-2NTC-LD	1			1/2"	1-3/4"	1.73"	1.38"	.27"	5.28"							
YAG38L-2TC516-LD	1	535.3 kcmil 1325/24 500 kcmil CLASS I	300	5/16"	1"	1.82"	1.45"	.27"	4.09"							
YAG38L-2NT38-LD	1			3/8"	1"	1.63"	1.45"	.27"	4.40"							
YAG38L-2TC38-LD	1			3/8"	1"	1.82"	1.45"	.27"	4.28"							
YAG38L-2TC12-LD	1			1/2"	1-1/4"	1.82"	1.45"	.27"	4.72"							
YAG38L-2NTC-LD	1	1/2"	1-3/4"	1.82"	1.45"	.27"	5.28"									
YAG39L-2NTC-LD	1	600 kcmil 400	—	1/2"	1-3/4"	1.90"	1.19"	.27"	5.29"							
YAG40L-2TC38-LD	1			3/8"	1"	1.98"	1.42"	.30"	4.33"							
YAG40L-2NNT-LD	1	646 kcmil 1600/24	—	1/2"	1-3/4"	1.63"	1.42"	.30"	5.43"							
YAG40L-2NTC-LD	1			1/2"	1-3/4"	1.98"	1.42"	.30"	5.43"							
YAG44L-2TC38-LD	1	777.7 kcmil 1925/24 750 kcmil CLASS I	500	3/8"	1"	2.18"	1.65"	.33"	4.80"							
YAG44L-2TC12-LD	1			1/2"	1-1/4"	2.18"	1.65"	.33"	5.11"							
YAG44L-2TC12E3-LD	1			1/2"	1-1/2"	2.18"	1.65"	.33"	5.36"							
YAG44L-2NTC-LD	1			1/2"	1-3/4"	2.18"	1.65"	.33"	5.80"							
YAG44L-2TC58-LD	1	5/8"	1-1/2"	2.18"	1.65"	.33"	5.61"									

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

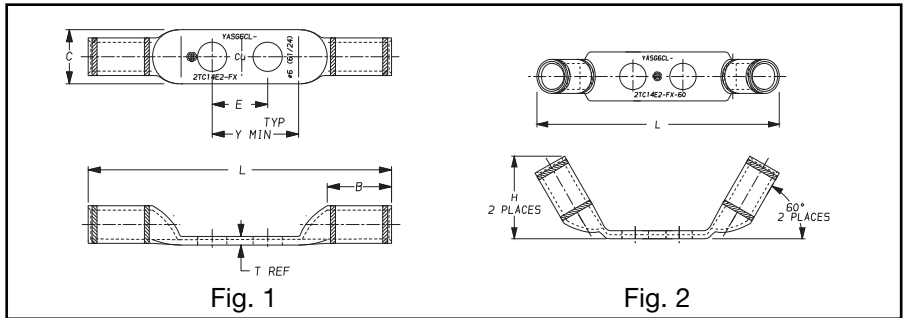
C-74

TYPE YAS-L-2TC-FX,60

**TWO HOLE HYLUG™ -
DOUBLE BARREL**

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆



Catalog Number	Conductor			Bolt Size	Fig. No.	Dimensions							Installation Tooling				Wire Strip Length	
	Flex	AWG	*** MM ²			B	C	E	H	L	T Ref.	Y Min.	Die Index	Color Code	Mechanical			Hydraulic
															MD7-34 MD6 OUR840	Y1MRTC Y2MR Y8MRB-1		Y750, Y35, Y39, Y46*
YASG6CL-2TC14E2-FX	#6 Weld 61/24	#6 AWG	16	1/4"	1	.50 (13)	.48 (12)	.75 (19)	—	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	Blue	W5CVT (1) W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16"
YASV6CL-2TC14E2-FX**	#6 Weld 61/24	#6 AWG	16	1/4"	1	.50 (13)	.48 (12)	.75 (19)	—	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	Blue	W5CVT (1) W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16"
2					.68 (17)				2.9 (75)									

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 * Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
 ** Type YASV series have inspection hole.
 *** The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper and Aluminum Compression — Narrow Tongue — One and Two Hole

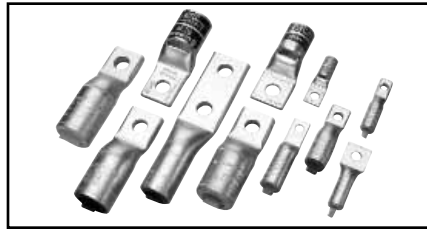
C-80

E-LINE HYLUG™ EQUIPMENT LINE

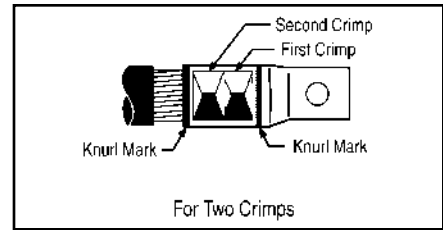
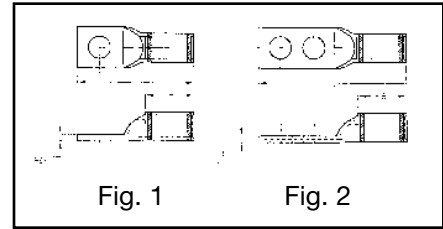
TYPE YA-E COPPER AND ALUMINUM COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

YA-E Equipment terminals are designed to provide replacements for original equipment mechanical or other compression terminals. These narrow tongue terminals are specially designed to fit in tight areas. Whether you're



upgrading or replacing, YA-E connectors will provide for any of your cable termination needs. When installed with our dieless tool, these terminals can accommodate a range of conductor sizes.



COPPER E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations		Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions			Dieless (number of crimps)	† Installation Tooling				
		Conventional Wire Size	Expanded Wire Range using Y644M				B	T	L		Mechanical		Color Code	Die Index	Wire Strip Length
											MD6, MD7 (number of crimps)	Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)			
YA25LN50T14E	1	1/0 AWG	#6 - 1/0 AWG	1/4	—	0.50	0.88	0.12	1.84	Y644HS (1)	W25RT (2)	U25RT (1)	Pink	12 348	15/16"
YA25LN64T516E	1			5/16	—	0.64	0.88	0.12	1.96	PAT644HS (1)	W25VT (2)	U2CABT (1)			
YA26LN50T14E	1	2/0 AWG	#4 - 2/0 AWG	1/4	—	0.50	0.94	0.12	1.94	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26RT (2) W26VT (2)	U26RT (1)	Black	13	1"
YA30L24N100T38E	1	300 kcmil	2/0 AWG - 300 kcmil	3/8	—	1.00	1.03	0.16	2.44	Y644HS (1)	W30RT (2)	U30RT (2) U28ART (2)	White	17 298	1-1/16"
YA342LNN119T12E	2	500 kcmil	4/0 AWG - 500 kcmil	1/2	1.75	1.19	1.27	0.23	5.06	PAT644HS (1)	—	U34RT (2)	Brown	20 299	1-5/16"
YA342LNN131T12E	2			1/2	1.75	1.31	1.27	0.23	5.06	Y81KFT (2)					
YA34LGN131T12E	1			1/2	—	1.31	1.27	0.23	3.31	Y81KFTMBH (2)					
YA39LGN131T12E	1			1/2	—	1.31	1.42	0.27	3.61	PAT81KFT-18V (2)					
YA392LNN131T12E	2	750 kcmil	500 - 750 kcmil	1/2	1.745	1.31	1.42	0.27	5.37	—	U39RT (2)	Black	24	1-1/2"	

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations		Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions			Dieless (number of crimps)	† Installation Tooling				
		Aluminum Conventional Wire Size	Copper or Aluminum Expanded Wire Range using Y644M				B	T	L		Mechanical		Color Code	Die Index	Wire Strip Length
											MD6, MD7, Y500CT (number of crimps)	Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)			
YA8CA3S56T14E	1	#8 AWG	#8 AWG	1/4	—	0.56	0.62	0.09	1.65	Y644HS (1)	—	U8CABT (1)	Blue	374	11/16"
YA2CA5S53T14E	1	#2 AWG	#6 - #2 AWG	1/4	—	0.53	1.00	0.22	2.25	PAT644HS (1)	—	U2CABT (1)	Pink	348	1-3/16"
YA2CA1S9T1516E	1			5/16	—	0.91	1.12	0.16	2.50	Y81KFT (1)					
YA25A1S60T516E	1	1/0 AWG	#1 - 1/0 AWG	5/16	—	0.63	1.00	0.21	2.29	Y81KFTMBH (1)	—	U25ART (1)	Tan	296	1-1/8"
YA25A3N69T38E	1			3/8	—	0.69	1.05	0.21	2.38	PAT81KFT-18V (1)					
YA26A13N100T516E	1	2/0 AWG	#1 - 2/0 AWG	5/16	—	1.00	1.11	0.24	2.45	Y644HS (1) PAT644HS (1)	—	U26ART (2)	Olive	297	1-3/16"
YA26A6N100T38E	1			3/8	—	1.00	1.11	0.24	2.53						
YA27A10S76T516E	1	3/0 AWG	#1 - 3/0 AWG	5/16	—	0.76	1.11	0.26	2.58	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U27ART (2)	Ruby	467	1-3/16"
YA28A14N100T516E	1	4/0 AWG	1/0 - 4/0 AWG	3/8	—	1.00	1.39	0.30	2.85						
YA28A1N100T38E	1			5/16	—	1.00	1.39	0.30	2.94	Y644HS (1)	—	U28ART (2)	White	298	1-7/16"
YA30A9N100T516E	1	300 kcmil	2/0 AWG - 300 kcmil	5/16	—	1.00	1.53	0.36	3.12	Y81KFT (2)	—	U30ART (2)	Blue	470	1-5/8"
YA30A6N100T38E	1			3/8	—	1.00	1.53	0.36	3.20	Y81KFTMBH (2)					
YA30A1N131T12E	1			1/2	—	1.31	1.53	0.35	3.57	PAT81KFT-18V (2)					
YA31A11N100T516E	1			350 kcmil	3/0 AWG - 350 kcmil	5/16	—	1.00	1.85	0.39					
YA31A9N100T38E	1	3/8	—			1.00	1.85	0.39	3.59						
YA32A8N106T516E	1	5/16	—			1.06	2.26	0.43	3.92	—	U32ART (4)	Green	472	2-5/16"	

† A variety of BURNDY® installation tools are available and not all tools are listed. If you require additional tooling information, please feel free to call our customer service department for other recommendations.

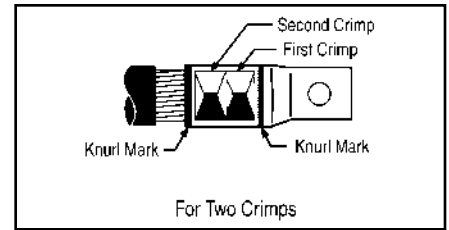
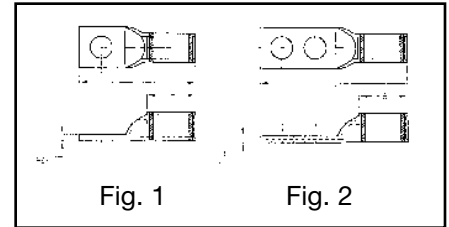
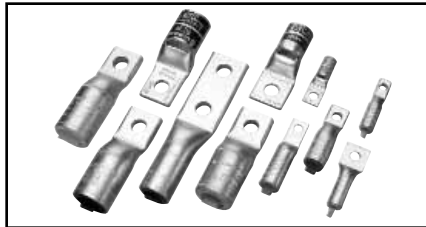
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™, P-RT die sets for use in Y46 HYPRESS™ only. PUADP-1 adapter not required.

Note: All dimensions shown are for reference only.
** 900 Compact Aluminum Cable not UL Listed. Tested with Y644HS and PAT644 dieless tools only.

**E-LINE HYLUG™
EQUIPMENT LINE**

**TYPE YA-E
COPPER AND ALUMINUM
COMPRESSION TERMINAL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations		Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions			† Installation Tooling					Wire Strip Length
		Aluminum Wire Size	Copper or Aluminum Expanded Wire Range using Y644M				B	T	L	Dieless (number of crimps)	Mechanical	Hydraulic	Color Code	Die Index	
											MD6, MD7, Y500CT (number of crimps)	Y35, Y750, Y46*, PAT750 (number of crimps)			
YA34A8N131T38E	1	500 kcmil	4/0 AWG - 500 kcmil	3/8	—	1.31	1.64	0.35	3.88	Y644HS (2) PAT644HS (2) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U34ART (4)	Pink	300	1-11/16"
YA34A3N131T12E	2			1/2	1.75	1.31	1.64	0.35	5.71						
YA34A7N131T12E	1			1/2	—	1.31	1.64	0.35	3.88						
YA36A9N131TD12E	1	600 kcmil	250 - 600 kcmil	1/2	—	1.31	1.64	0.39	3.98						
YA36A3N131TD38E	2			3/8	—	1.31	1.64	0.39	5.32						
YA36A3N131TD12E	2			1/2	1.75	1.31	1.64	0.39	5.71						
YA39A5N131TD12E	2	750 kcmil	500 - 900** kcmil Aluminum 500 kcmil Copper Only	1/2	1.75	1.31	1.86	0.31	6.09						
YA39A1N131TD12E	1			1/2	—	1.31	1.86	0.31	4.28						

† A variety of BURNDY® installation tools are available and not all tools are listed. If you require additional tooling information, please feel free to call our customer service department for other recommendations.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™, P-RT die sets for use in Y46 HYPRESS™ only. PUADP-1 adapter not required.

Note: All dimensions shown are for reference only.
** 900 Compact Aluminum Cable not UL Listed. Tested with Y644HS and PAT644 dieless tools only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression — Code Splice

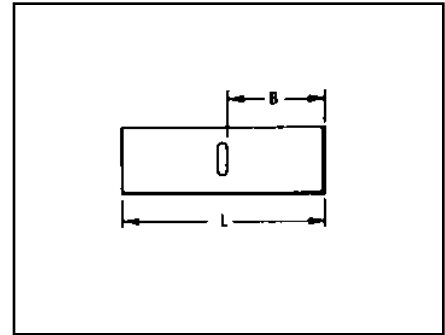
C-82

TYPE YS-L

HYLINK™ SPLICE STANDARD BARREL

COPPER COMPRESSION

UL Listed 90° C,
600 Volts to 35 kV ◆



Features and Benefits

- Standard barrel length.
 - ◇ Ideal for limited space applications while providing ample barrel length for proper crimp.
- Four (4) center conductor stops.
 - ◇ Provides a center wire stop for proper conductor insertion.

Catalog Number	Conductor		Dimensions		Dieless (# of crimps)	Installation Tooling ▲					Wire Strip Length		
	AWG	*** MM ²	L	B		Mechanical			Y35, ■ Y39, Y750, Y46*			▲ Die Index & Embossment	
						Y1MRTC Y2MR	MD7-34R	MD6 OUR840	Die Number (# crimps)	Color Code			
YS8C-L-BOX	8 str.	10	1.00	.41	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y1MRTC (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2"	
YS6C-L BOX	6 str.	—	1.75	.81			W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7 or 374	7/8"	
YS5C-L BOX	5 str.	16	1.90	.81		Y1MRTC (2)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8 or 346	7/8"	
YS4C-L BOX	4 str.	—	1.75	.81			—	—	U3CRT (1)	White	9	15/16"	
YS3C-L	3 str.	25	2.05	.88		Y1MRTC (2)	W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16"	
YS2C-L BOX	2 str.	—	2.00	.88			W1CVT (1)	X1CRT (1)	U1CRT-1 (1)	Green	11 or 375	15/16"	
YS1C-L BOX	1 str.	50	2.06	.88		Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	W25VT (2)	X25RT (2)	U25RT (1)	Pink	12 or 348	15/16"
YS25-L BOX	1/0 str.	—	2.08	.88				W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1"
YS26-L BOX	2/0 str.	70	2.17	.94				W27VT (2)	X27RT (2)	U27RT (1)	Orange	14	1-1/16"
YS27-L BOX	3/0 str.	95	2.30	1.00				W28VT (2)	X28RT (2)	U28RT (1)	Purple	15	1-1/16"
YS28-L BOX	4/0 str.	—	2.32	1.00	W29VT (2)			—	U29RT (1)	Yellow	16	1-1/8"	
YS29-L BOX	250 kcmil	120	2.46	1.06	W30VT (2)			—	U30RT (2)	White	17 or 298	1-1/8"	
YS30-L	300 kcmil	150	2.47	1.06	W31VT (2)			—	U31RT (2)	Red	18 or 324	1-3/16"	
YS31-L	350 kcmil	185	2.60	1.12	W32VT (2)			—	U32RT (2)	Blue	19 or 470	1-1/4"	
YS32-L	400 kcmil	—	2.74	1.19	W34VT (2)			—	U34RT (2)	Brown	20 or 299	1-7/16"	
YS34-L	500 kcmil	240	3.15	1.38	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)			—	U36RT (2)	Green	22 or 472	1-7/16"	
YS36-L	600 kcmil	300	3.22	1.38		U38RT (2)	Pink		400	1-7/16"			
YS38-L	700 kcmil	—	3.22	1.38		U39RT (2)	Black		24	1-11/16"			
YS39-L	750 kcmil	—	3.72	1.62		P44RT** (2)	White		27	1-15/16"			
YS44-L	1000 kcmil	500	4.28	1.88									

▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

■ The maximum size for the Y35 is 400 kcmil insulated code cable.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

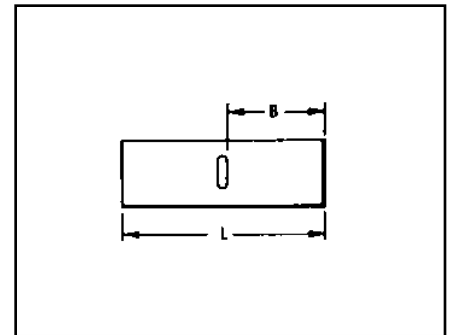
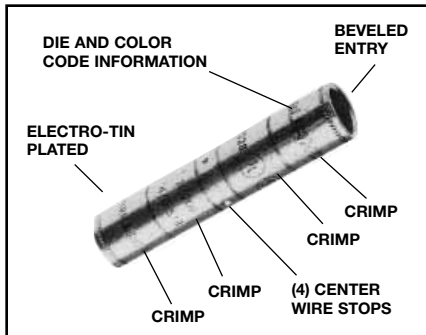
Blue highlighted items are industry standard and most frequently ordered.

TYPE YS

HYLINK™ SPLICE - LONG BARREL

COPPER COMPRESSION SPLICE

UL Listed 90° C, 600 Volts to 35 kV ◆



Features and Benefits

- Long barrel length.
 - ◆ Ideal for 600 volt heavy duty applications. Also may be used at higher voltages up to 35KV.
- Four (4) center conductor stops.
 - ◆ Provides a center wire stop for proper conductor insertion.
- High pull out force.
 - ◆ Provides added security for much greater mechanical and electrical properties.

Catalog Number	Conductor		Dimensions		Dieless (# of crimps)	Installation Tooling ▲					Wire Strip Length	
	AWG	*** MM ²	L	B		Mechanical			Y35 ■, Y39, Y750, Y46*			▲ Die Index & Embossment
						Y1MRTC Y2MR	MD7-34R	MD6 OUR840	Die Number (# crimps)	Color Code		
YS8C	8 str.	10	1.75	.78	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y1MRTC (2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49	7/8"
YS6C	6 str.	—	2.38	1.09		Y1MRTC (2)	W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16"
YS5C	5 str.	16	2.55	1.09		Y1MRTC (4)	W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8 or 346	1-3/16"
YS4C	4 str.	—	2.55	1.09	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	Y1MRTC (4)	—	U3CRT (2)	—	White	9	1-5/16"
YS3C	3 str./2 sol.	25	2.80	1.22		Y1MRTC (4)	W2CVT/W2CRT	W2CVT/W2CRT	U2CRT (2)	Brown	10	1-5/8"
YR2C2WT	2 str. - 2 sol.	25	2.90	1.44		Y1MRTC (4)	W2CVT (2)	X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"
YS2C	2 str.	35	2.82	1.22		Y1MRTC (4)	W1CVT (2)	X1CRT (2)	U1CRT-1 (2)	Green	11 or 375	1-7/16"
YS1C	1 str.	50	3.07	1.34		Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W25VT (4)	X25RT (4)	U25RT (2)	Pink	12 or 348	1-7/16"
YS25	2/0 str.	—	3.06	1.34			W26VT (4)	X26RT (4)	U26RT (2)	Black	13	1-9/16"
YS26	2/0 str.	70	3.30	1.45			W27VT (4)	X27RT (4)	U27RT (2)	Orange	14	1-9/16"
YS27	3/0 str.	—	3.30	1.45			W28VT (4)	X28RT (4)	U28RT (2)	Purple	15	1-11/16"
YS28	4/0 str.	—	3.57	1.58			W29VT (4)	—	U29RT (2)	Yellow	16	1-11/16"
YS29	250 kcmil	120	3.58	1.58			W30VT (4)	—	U30RT (4)	White	17 or 298	2-1/16"
YS30	300 kcmil	150	4.34	1.95	W31VT (4)		—	U31RT (4)	Red	18 or 324	2-1/16"	
YS31	350 kcmil	185	4.35	1.95	W32VT (4)		—	U32RT (4)	Blue	19 or 470	2-3/16"	
YS32	400 kcmil	—	4.62	2.08	W34VT (4)	—	U34RT (4)	Brown	20 or 299	2-5/16"		
YS34	500 kcmil	240	4.91	2.20	Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U36RT (4)	Green	22 or 472	2-3/4"	
YS36	600 kcmil	300	5.85	2.63		—	—	—	U39RT (4)	Black	24	2-15/16"
YS39	750 kcmil	—	6.38	2.81		—	—	—	P44RT** (2)	White	27	3-1/16"
YS44	1000 kcmil	500	6.95	2.94		—	—	—	P46RT** (6)	Green	31	3-1/4"
YS46	1500 kcmil	—	7.01	3.13		—	—	—	L48RT (4)	Brown	34	3-3/8"
YS48	2000 kcmil	—	7.57	3.27		—	—	—	—	—	—	—

① Not color coded.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

■ The maximum size for the Y35 is 400 kcmil.

▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

† Requires Y60BHU HYPRESS™ with L48RT die set.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

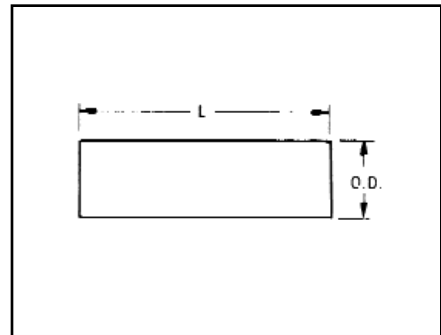
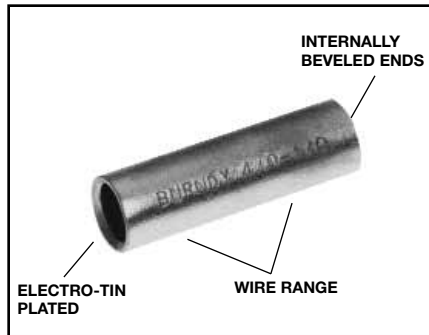
TYPES Y-R

REDUCING ADAPTER

FOR COPPER

600 Volts to 35 kV◆

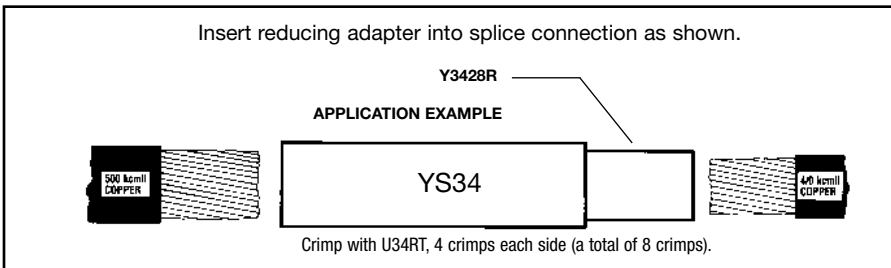
The Y-R reducing adapter has been designed to allow large size, long barrel, copper long barrel HYDENT™, HYSPLICE™ and HYTEE™ terminals, splices, and T taps to be used on smaller conductor sizes. To use, simply insert the reducer adapter into the barrel, insert the wire into the reducer adapter and crimp the outer barrel using its recommended tooling.



Features and Benefits

- Wide range of conductors are accommodated.
 - ◆ Lowers inventory requirements and affords maximum versatility.
- Same die set for all legs of the connection.
 - ◆ Permits the same tool and die combination normally used on the compression barrel.
- Length fits the long barrel connector design (YS, YA).
 - ◆ Can be used on all long barrel connectors. Field cut to fit shorter length compression barrels (YS-L, YA-L).
- Manufactured from high conductivity electrolytic copper and electro-tin plated.
 - ◆ Provides maximum conductivity low resistance and ductility for an excellent combination of electrical and crimp forming properties, and provides long lasting corrosion resistance.

Catalog Number	Wire Range		Dimensions	
	From	To	Max O.D.	L
Y286CR	4/0 str.	6, 8 str. 6 sol.	.534	1.75
Y284WR		4 sol.		
Y284CR		4 str.		
Y282CR		2 str.		
Y281CR		1 str.		
Y2825R		1/0 str.		
Y2826R		2/0 str.		
Y2827R		3/0 str.		
Y2928R	250 kcmil	4/0	.582	1.62
Y302CR	300 kcmil	2	.637	2.00
Y304CR		4		
Y3025R		1/0		
Y3026R		2/0		
Y3027R		3/0		
Y3028R		4/0		
Y3126R		2/0		
Y3128R	4/0			
Y3129R	250			
Y342CR	500 kcmil	2 str.	.821	2.50
Y3425R		1/0 str.		
Y3426R		2/0 str.		
Y3427R		3/0 str.		
Y3428R		4/0 str.		
Y3429R		250 kcmil		
Y3430R		300 kcmil		
Y3431R		350 kcmil		
Y3432R	400 kcmil	1.017	2.25	
Y3934R	500 kcmil			
Y3936R	600 kcmil			
Y4439R	1000 kcmil	750 kcmil	1.296	3.19



Contact Technical Support for other sizes not listed.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-LB

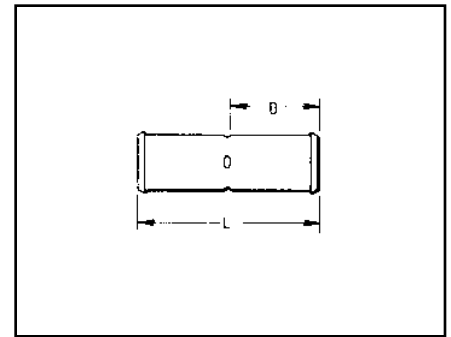
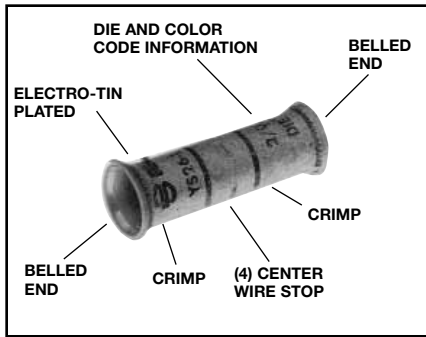
HYLINK™

**UNINSULATED
BELLED COPPER
COMPRESSION SPLICE**

**STANDARD LENGTH
BELLED BARREL**

UL Listed 90° C,
600 Volts to 35 kV◆

HYLINK™ type YS-LB splices are designed for flexible and extra flexible copper conductors used in mining machines, locomotives, welding cables and other flexible cable applications. The seamless, high conductivity copper, electro-tin plated belled barrel provides for easy insertion of flexible stranded conductors and the nest indenter die system provides an excellent electrical and mechanical connection.



Features and Benefits

- Belled barrel ends.
 - ◇ Provides easy cable insertion into the splice barrel and smooth cable strain relief during cable flexing and movement.
- Standard length barrel.
 - ◇ Permits easy passage around pulleys yet is long enough for easy crimping.



Catalog Number	Copper Cables *											
	Code Cable Flex Cable	Navy Cable	Flexible and Extra Flexible Cables							Dimensions		
			Class G	Class H	Class I	Battery Cable Class K	Welding Cable Class M	Locomotive Cable	Metric Cable	B	L	
YS5C-LB	—	—	—	—	—	—	—	—	—	—	.81	1.75
	6 Flex	—	#6 (49 str)	#6 (133 str)	#6 (63/24)	#6 (266/30)	#6 (665/34)	#6 (61/24)	—	—	.81	1.75
YS4C-LB	—	—	—	—	—	—	—	—	—	—	.81	1.75
	5 Flex	—	#5 (49 str)	#5 (133 str)	#5 (84/24)	#5 (336/30)	#5 (836/34)	#5 (91/24)	—	—	.81	1.75
YS3C-LB	—	—	—	—	—	—	—	—	—	—	.81	1.88
	4 Flex	—	#4 (49 str)	#4 (133 str)	#4 (105/24)	#4 (420/30)	#4 (1064/34)	#4 (105/24)	—	—	.81	1.88
YS2C-LB	—	—	—	—	—	—	—	—	—	—	.81	1.88
	3 Flex	—	#3 (49 str)	#3 (133 str)	#3 (133/24)	#3 (532/30)	#3 (1323/24)	#3 (125/24)	—	—	.81	1.88
YS1C-LB	—	—	—	—	—	—	—	—	—	—	.81	1.88
	2 Flex	—	#2 (49 str)	#2 (133 str)	#2 (161/24)	#2 (665/30)	#2 (1666/34)	#2 (150/24)	—	—	.81	1.88
YS25-LB	—	—	—	—	—	—	—	—	—	—	.81	1.88
	1 Flex	—	#1 (133 str)	#1 (259 str)	#1 (210/24)	#1 (836/30)	#1 (2107/34)	#1 (225/24)	—	—	.81	1.88
YS26-LB	—	—	—	—	—	—	—	—	—	—	.94	2.00
	1/0 Flex	—	1/0 (133 str)	1/0 (259 str)	1/0 (266/24)	1/0 (1064/30)	1/0 (2646/34)	1/0 (275/24)	—	—	.94	2.00
YS27-LB	—	—	—	—	—	—	—	—	—	—	1.00	2.13
	2/0 Flex	—	2/0 (133 str)	2/0 (259 str)	2/0 (342/24)	2/0 (1323/30)	2/0 (3325/34)	2/0 (325/24)	—	—	1.00	2.13
YS28-LB	—	—	—	—	—	—	—	—	—	—	1.00	2.13
	3/0 Flex	—	3/0 (133 str)	3/0 (259 str)	3/0 (418/24)	3/0 (1666/30)	—	3/0 (450/24)	—	—	1.00	2.13
YS29-LB	—	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 Flex	—	4/0 (133 str)	4/0 (259 str)	—	—	—	—	—	—	1.06	2.25
YS30-LB	—	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 - 250 Flex	—	250 kcmil (259 str)	250 kcmil (427 str)	4/0 (532/24)	4/0 (2107/30)	4/0 (5320/34)	4/0 (550/24)	—	—	1.06	2.25

◆ Contact BURNDY® for conductors not shown.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Splice – Belled Ends

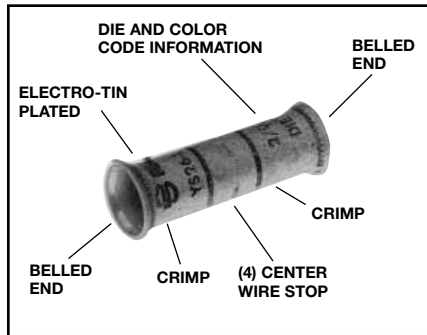
C-86

TYPE YS-LB

HYLINK™

UNINSULATED BELLED
COPPER COMPRESSION
SPLICE

STANDARD LENGTH
BELLED BARREL



UL Listed 90° C,
600 Volts to 35 kV◆



(INSTALLATION TOOLING)

Catalog Number	Code Cable	Installation Tooling ▲						Wire Strip Length		
		Dieless (# of crimps)	Dieless HYTOOL™ (# of crimps)	Die Index	Color Code	Die Type	Hydraulic Tooling, Die Sets, (# of crimps) ▲			
							Y35†		Y39†, Y750†	Y46*†
① YS5C-LB	6 Flex	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	MY29-11 (1) (1 Crimp/end)	1014	—	Nest Indentor	U6CD-1 (1) Y34PR (1)	U6CD-1 (1) Y34PR (1)	U6CD-1 (1) Y34PR (1)	7/8"
YS4C-LB	5 Flex			1015			U4CD-1 (1) Y34PR (1)	U4CD-1 (1) Y34PR (1)	U4CD-1 (1) Y34PR (1)	7/8"
YS3C-LB	4 Flex			1016			U3CD-1 (1) Y34PR (1)	U3CD-1 (1) Y34PR (1)	U3CD-1 (1) Y34PR (1)	15/16"
YS2C-LB	3 Flex			1017			U2CD-1 (1) Y34PR (1)	U2CD-1 (1) Y34PR (1)	U2CD-1 (1) Y34PR (1)	15/16"
YS1C-LB	2 Flex			1018			U1CD-1 (1) Y34PR (1)	U1CD-1 (1) Y34PR (1)	U1CD-1 (1) Y34PR (1)	15/16"
YS25-LB	1 Flex			1019			U25D-1 (1) Y34PR-2 (1)	U25D-1 (1) Y34PR-2 (1)	U25D-1 (1) Y34PR-2 (1)	15/16"
YS26-LB	1/0 Flex			1020			U26D-1 (1) Y34PR-2 (1)	U26D-1 (1) Y34PR-2 (1)	U26D-1 (1) Y34PR-2 (1)	1"
YS27-LB	2/0 Flex			1021			U27D-1 (1) Y34PR-2 (1)	U27D-1 (1) Y34PR-2 (1)	U27D-1 (1) Y34PR-2 (1)	1-1/16"
YS28-LB	3/0 Flex			1022			—	U28D-1 (1) Y34PR-2 (1)	U28D-1 (1) Y34PR-2 (1)	1-1/16"
YS29-LB	4/0 Flex			1023				U29D-1 (1) Y34PR-2 (1)	U29D-1 (1) Y34PR-2 (1)	1-1/16"
YS30-LB	4/0-250 Flex	1024	U30D-1 (1) Y34PR-2 (1)	U30D-1 (1) Y34PR-2 (1)	1-1/8"					

† Use Y35P3 adaptor with Y34PR indentor.
 * Use PUADP-1 adaptor with U-DIES in Y46 HYPRESSTM.
 ▲ See Tooling section in this catalog for complete tool and die listings.
 ① Not color coded.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YS-T AND YSP-T

HIGH-VOLTAGE HYLINKS™

UNINSULATED HIGH VOLTAGE COPPER COMPRESSION SPLICE

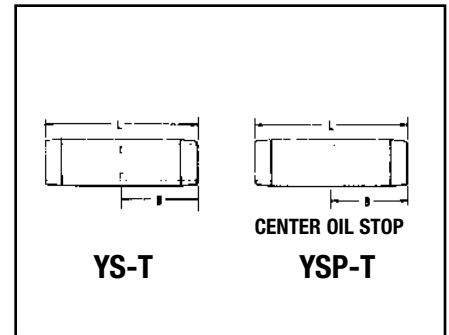
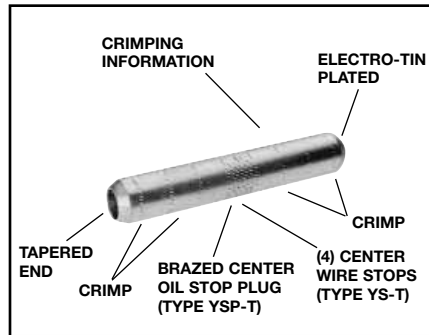
STANDARD BARREL - TAPERED ENDS

UL Listed 90° C, 600 Volts to 35 kV◆

Seamless types YS-T and YSP-T high conductivity copper electro-tin plated compression HYLINK™ high-voltage splices with standard barrel and tapered ends are ideally suited for higher voltage applications from 5KV through 35 KV.

Type YS-T splice connector has four center wire stops for proper conductor insertion.

Type YSP-T splice connector has a brazed in place center plug to prevent the passage of oil between two oil filled conductors or between conductors without oil and conductors with oil and acts as a center wire stop for proper conductor insertion.



C-87

Features and Benefits

- Tapered connector ends per EEI standard TD160.
 - ◇ Suitable for use on voltages 5KV through 35KV to aid in preventing corona emission and simplify taping thus lowering installed cost.
- Type YS-T four center wire stops.
 - ◇ Provides a center wire stop for proper conductor insertion.
- Type YSP-T has a center plug permanently brazed in place.
 - ◇ Prevents oil within oil-filled conductors from passing through the splice connector and provides a center strip for proper conductor insertion.



Catalog Number		Code Conductors	Dimensions		Installation Tooling - Nest/Indentor ▲					Wire Strip Length
					Y34B Y34PR Indentor	Y35, Y39, Y750 Y34PR Indentor Y35P3 Adaptor	Y35, Y39, Y750 Y46*, PAT750 Die Number (# of crimps per end)	Die Index ▲	No. of Indent	
YS-T	YSP-T		B	L	Nest Die	Nest Die				
YS6C-T	—	6 str.	.90	2.16	B6CD	U6CD-1	U5CRT (2)	7	1	15/16"
YS4C-T	YSP4C-T	4 str.	.90	2.16	B4CD	U4CD-1	U4CRT (2)	8	1	15/16"
YS2C-T	YSP2C-T	2 str.	.98	2.34	B2CD	U2D-1	U2CRT (2)	10	1	1"
YS1C-T	YSP1C-T	1 str.	.97	2.31	B1CD	U1D-1	U1CRT-1 (2)	11	1	1"
YS25-T	YSP25-T	1/0 str.	.98	2.35	B25D	U25D-1	U25RT (2)	12	1	1-3/32"
YS26-T	YSP26-T	2/0 str.	1.04	2.47	B26D	U26D-1	U26RT (2)	13	1	1-3/32"
YS28-T	YSP28-T	4/0 str.	1.13	2.67	B28D	U28D-1	U28RT (2)	15	1	1-3/16"
YS29-T	YSP29-T	250 kcmil	1.21	2.85	B29D	U29D-1	U29RT (2)	16	1	1-3/32"
YS30-T	YSP30-T	300 kcmil	1.22	2.87	B30D	U30D-1	U30RT (4)	17	2	1-5/16"
YS31-T	YSP31-T	350 kcmil	1.32	3.09	B31D	U31D-1	U31RT (4)	18	2	1-3/5"
YS34-T	YSP34-T	500 kcmil	1.68	3.86	No Die Needed	U34D-1	U34RT (4)	20	2	1-3/4"
YS39-T	YSP39-T	750 kcmil	2.00	4.60	—	—	U39RT (4)	24	2	2-1/8"

* Use adapter PUADP-1 with U Dies in Y46 HYPRESS™. Y46 HYPRESS™ uses the same nest indentor and adaptor as the Y35, Y39 and Y750, but with the PUADP-1 adaptors.

■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Flex – Splice – Long Barrel – Belled Ends

C-88

TYPE YS-FXB

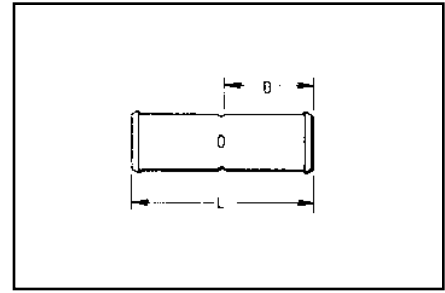
HYLINK™ - SPLICE - BELLED LONG BARREL

UL Listed 90° C,
600 Volts to 35 kV ◆



Features and Benefits

- Long barrel length.
 - ◇ High voltage terminations.
- Four (4) center conductor stops.
 - ◇ Provides a center wire stop for proper conductor insertion.
- High pull out force.
 - ◇ Provides added security for greater mechanical and electrical properties.
- Belled cable entry.
 - ◇ A funnel type entry provide easy insertion of extra flexible cables plus offers mechanical strain relief for individual strands.



Catalog Number	Conductor		Dimensions		Installation Tooling ▲					Cable Strip Length						
	Flexible Cable Code	AWG	*** MM ²	L [mm]	B [mm]	Dieless (# of crimps/end)	Mechanical Y1MRTC Y2MR	Embossed Die Index	Color Code		Die Number (# of crimps/end)					
YS8C-FXB	#8 Str. (37/24)	#8 AWG	10	1.99 [51]	.90 [23]	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y2MR (2) Y1MR (2)	49	Red	U8CRT (2)	1" [25]					
YSV6C-FXB	#6 Str. (61/24)	#6 AWG	16	2.62 [67]	1.22 [31]						7	Blue	U5CRT (2)	1-5/16" [33]		
YSV4C-FXB	#4 Str. (91/24-105/24)	#4 AWG	—	2.62 [67]	1.22 [31]		Y2MR (4) Y1MR (4)	8	Gray	U4CRT (2)	1-5/16" [33]					
YSV2C-FXB	#2 Str. (125/24-150/24)	#2 AWG	35	2.89 [73]	1.35 [34]						10	Brown	U2CRT (2)	1-7/16" [37]		
YSV1C-FXB	#1 Str. (175/24-225/24)	#1 AWG	—	3.18 [81]	1.50 [38]		—	11	Green	U1CRT-1 (4)	1-9/16" [40]					
YSV25-FXB	1/0 Str. (275/24)	1/0 AWG	50	3.18 [81]	1.50 [38]						12	Pink	U25RT (4)	1-9/16" [40]		
YSV26-FXB	2/0 Str. (325/24)	2/0 AWG	70	3.44 [87]	1.63 [41]						13	Black	U26RT (4)	1-11/16" [43]		
YSV27-FXB	3/0 Str. (450/24)	3/0 AWG	95	3.46 [88]	1.64 [42]						14	Orange	U27RT (4)	1-11/16" [43]		
YSV28-FXB	4/0 Str. (550/24)	4/0 AWG	120	3.72 [94]	1.77 [45]						15	Purple	U28RT (4)	1-7/8" [48]		
YS30-FXB	250 kcmil Flex Class G 259 Str. Class H 427 Str.	—	—	4.51 [115]	2.16 [55]						Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	16	Yellow	U29RT (4)	2-1/4" [57]	
YS31-FXB	263 kcmil (650/24) 250 Flex Class I, K, M	150	4.54 [115]	2.18 [55]	17	White									U30RT (4)	2-1/4" [57]
YS32-FXB	313.1 kcmil (775/24) 300 kcmil Nom.	185	4.82 [122]	2.32 [59]	18	Red									U31RT (4)	2-7/16" [62]
YS34-FXB	373 kcmil (925/24) 350 kcmil Nom.	240	5.14 [131]	2.48 [63]	19	Blue	U32RT (4)	2-9/16" [65]								
YS36-FXB	444.4 kcmil (1100/24) 450 kcmil Nom.	300	6.09 [155]	2.95 [75]	20	Brown	U34RT (4)	3-1/16" [79]								
YS38-FXB	535.3 kcmil (1325/24) 500 kcmil Nom.	—	6.34 [161]	3.08 [78]	L99	Pink	U38XRT (4)	3-3/16" [81]								
YS40-FXB	646 kcmil (1600/24) 600 kcmil Nom.	400	6.66 [1.69]	3.24 [82]	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	24	Black	U39RT (4)	3-5/16" [84]							
YS44-FXB	777.7 kcmil (1925/24) 750 kcmil Nom.	500	6.84 [174]	3.33 [85]					L115	Yellow					U44XRT (4)	3-7/16" [87]

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** P44RT and P46RT dies sets are for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

† 16 mm² and 120 mm² referenced are for both Class 2 and Class 5

■ The maximum size for the Y35 is 373.7 kcmil.

▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Measurements in brackets [] are in metric dimensions.

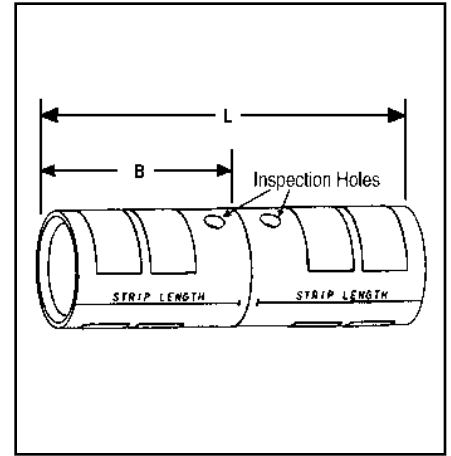
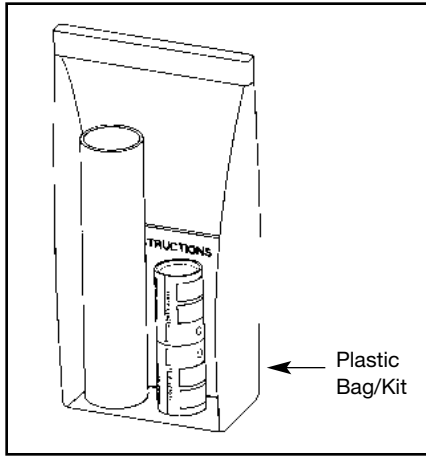
Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-TC

HYSPLICE™

In-line Splice Kits for Telecommunications Applications

YS-TC kits are for splicing cables and covering the connection with **clear** heat shrink. Splices are constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin-plated to resist corrosion. Each YS-TC splice is provided with inspection holes and cable stops. The YS-TC family also features the BURNDY® color code system.



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* Clear Heat Shrink Kit Catalog Number	Wire Size		Connector					Wire Strip Length
			Barrel Type	Dimensions		Color Code	Die Index	
				Barrel B	Length L			
YS44FXLTCKITC	750 kcmil Flex	500 mm ² Class 5	Standard	1.90	4.30	Yellow	L115	1.96
YS39LTCKITC	750 kcmil Code	—	Standard	1.62	3.68	Black	23	1.67
YS38FXLTCKITC	500 kcmil Flex	300 mm ² Class 5	Standard	1.71	3.87	Pink	L99	1.77
YS34LTCKITC	500 kcmil Code	240 mm ² Class 2	Standard	1.56	3.51	Brown	20	1.60
YS34FXLTCKITC	350 kcmil Flex	240 mm ² Class 5	Standard	1.56	3.51	Blue	19 or L80	1.60
YS31LTCKITC	350 kcmil Code	185 mm ² Class 2	Standard	1.39	3.10	Red	17	1.42
YS29FXLTCKITC	4/0 AWG Flex	—	Standard	1.36	2.98	Yellow	16	1.38
YS28LTCKITC	4/0 AWG Code	—	Standard	1.23	2.69	Purple	15	1.24
YS26LTCKITC	2/0 AWG Code	70 mm ²	Standard	1.16	2.62	Black	13	1.10
YS26FXLTCKITC	2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.09	2.41	Black	13	1.10
YS25LTCKITC	1/0 AWG Code	—	Standard	1.04	2.37	Pink	12	1.00
YS25FXLTCKITC	1/0 AWG Flex or Code	50 mm ² Class 5	Standard	1.04	2.18	Pink	12	1.00
YS2CLTCKITC	#2 AWG Code	35 mm ² Class 5	Standard	0.82	1.88	Brown	10	0.78
YS2CFXLTCKITC	#2 AWG Flex or Code	35 mm ² Class 5	Standard	0.82	1.73	Brown	10	0.78
YS4CFXLTCKITC	#4 AWG Flex or Code	—	Standard	0.74	1.69	Grey	8	0.71
YS6CFXLTCKITC	#6 AWG Flex or Code	16 mm ² Class 5 or Class 2	Standard	0.73	1.60	Blue	7 or 24	0.70
YS8CFXLTCKITC	#8 AWG Flex or Code	—	Standard	0.65	1.48	Red	49	0.62

* Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

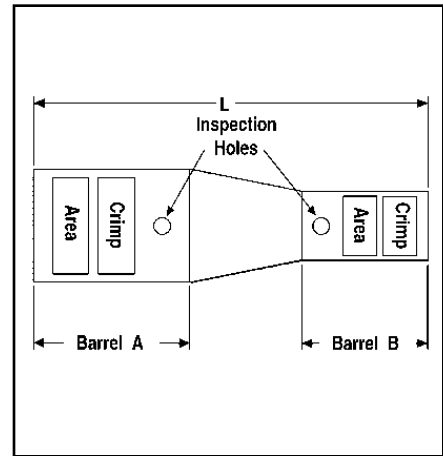
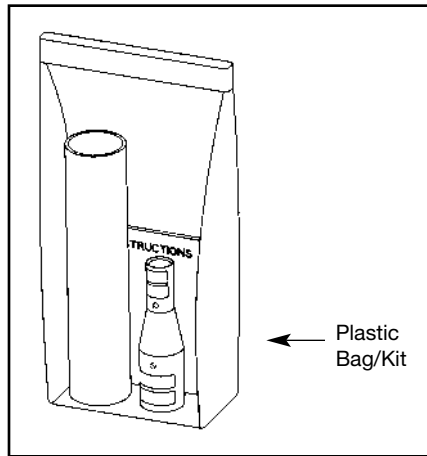
C-90

TYPE YSR-TC

HYREDUCER™

In-line Reducer Splice Kits for Telecommunications Applications

YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity, and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system.



** Clear Heat Shrink Kit Catalog Number	Wire Range				Barrel Type	Connector							Wire Strip Length	
	Barrel A		Barrel B			Dimensions			Color Code		Die Index		Barrel A	Barrel B
	AWG	mm ²	AWG	mm ²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm ² Class 5	750 kcmil Code	—	Standard	2.09	1.78	4.38	Yellow	Black	L115	24	1.96	1.67
YSR44FX38FLTCKITC			500 kcmil Flex	300 mm ²	Standard	2.09	1.60	4.61	Yellow	Pink	L115	L99	1.96	1.77
YSR44FX34LTCKITC			500 kcmil Code	240 mm ²	Standard	2.09	1.69	4.91	Yellow	Brown	L115	20	1.96	1.60
YSR44FX34FLTCKITC			350 kcmil Flex	240 mm ²	Standard	2.09	1.69	4.91	Yellow	Blue	L115	19 or L80	1.96	1.60
YSR44FX31LTCKITC			350 kcmil Code	185 mm ²	Standard	2.09	1.49	5.18	Yellow	Red	L115	18	1.96	1.41
YSR44FX30LTCKITC			300 kcmil Code	150 mm ²	Standard	2.09	1.30	5.01	Yellow	White	L115	17 or 298	1.96	1.24
YSR44FX29FLTCKITC			4/0 AWG Flex	120 mm ²	Standard	2.09	1.44	5.46	Yellow	Yellow	L115	16	1.96	1.24
YSR44FX28FLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	2.09	1.43	5.21	Yellow	Purple	L115	15	1.96	1.38
YSR44FX28LTCKITC	4/0 AWG Code	—	Standard	2.09	1.30	5.27	Yellow	Purple	L115	15	1.96	1.36		
YSR3939LTCKITC	750 kcmil Code	—	750 kcmil Code	—	Standard	1.78	1.78	4.13	Black	Black	24	24	1.67	1.67
YSR3938FLTCKITC			500 kcmil Flex	300 mm ²	Standard	1.78	1.88	3.79	Black	Pink	24	L99	1.67	1.77
YSR3934LTCKITC			500 kcmil Code	240 mm ²	Standard	1.78	1.69	4.09	Black	Brown	24	20	1.67	1.60
YSR3934FLTCKITC			350 kcmil Flex	240 mm ²	Standard	1.78	1.69	4.09	Black	Blue	24	19 or L80	1.67	1.60
YSR3931LTCKITC			350 kcmil Code	185 mm ²	Standard	1.78	1.49	4.36	Black	Red	24	18	1.67	1.41
YSR3930LTCKITC			300 kcmil Code	150 mm ²	Standard	1.78	1.30	4.23	Black	White	24	17 or 298	1.67	1.24
YSR3929FLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.78	1.44	4.71	Black	Yellow	24	16	1.67	1.38
YSR3928FLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.78	1.43	4.43	Black	Purple	24	15	1.67	1.36
YSR3928LTCKITC	4/0 AWG Code	—	Standard	1.78	1.30	4.65	Black	Purple	24	15	1.67	1.24		
YSR38FX34LTCKITC	500 kcmil Flex	300 mm ²	500 kcmil Code	240 mm ²	Standard	1.88	1.69	4.06	Pink	Brown	L99	20	1.77	1.60
YSR38FX34FLTCKITC			350 kcmil Flex	240 mm ²	Standard	1.88	1.69	4.06	Pink	Blue	L99	19 or L80	1.77	1.60
YSR38FX31LTCKITC			350 kcmil Code	185 mm ²	Standard	1.88	1.49	4.33	Pink	Red	L99	18	1.77	1.41
YSR38FX30LTCKITC			300 kcmil Code	150 mm ²	Standard	1.88	1.30	4.20	Pink	White	L99	17 or 298	1.77	1.24
YSR38FX29FLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.88	1.44	4.67	Pink	Yellow	L99	16	1.77	1.38
YSR38FX28FLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.88	1.43	4.60	Pink	Purple	L99	15	1.77	1.36
YSR38FX28LTCKITC			4/0 AWG Code	—	Standard	1.88	1.30	4.62	Pink	Purple	L99	15	1.77	1.24
YSR38FX26FLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.88	1.13	4.62	Pink	Black	L99	13	1.77	1.19
YSR3434FLTCKITC	500 kcmil Code	240 mm ²	350 kcmil Flex	240 mm ²	Standard	1.69	1.69	3.51	Brown	Blue	20	19 or L80	1.60	1.60
YSR3431LTCKITC			350 kcmil Code	185 mm ²	Standard	1.69	1.49	3.66	Brown	Red	20	18	1.60	1.41
YSR3429FLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.69	1.44	3.81	Brown	Yellow	20	16	1.60	1.38
YSR3428FLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.69	1.43	3.78	Brown	Purple	20	15	1.60	1.36
YSR3428LTCKITC			4/0 AWG Code	—	Standard	1.69	1.30	3.93	Brown	Purple	20	15	1.60	1.24
YSR3425FLTCKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.69	1.04	4.01	Brown	Pink	20	12	1.60	1.00

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.

Note 2: Non-inspection window versions are available.

Please contact customer service.

Note 3: Installation Tooling Charts on pages C-94 - C-99.

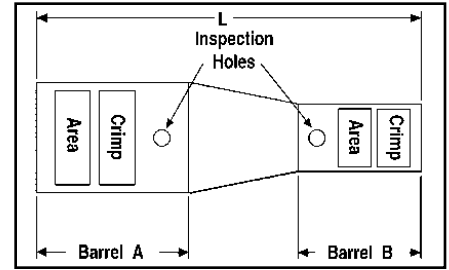
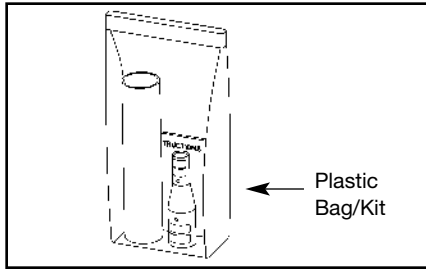
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

HYREDUCER™

(Continued)

In-line Reducer Splice Kits for Telecommunications Applications



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** Clear Heat Shrink Kit Catalog Number	Wire Range				Connector									
	Barrel A		Barrel B		Barrel Type	Dimensions			Color Code		Die Index		Wire Strip Length	
	AWG	mm ²	AWG	mm ²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR34FX31LTCKITC	350 kcmil Flex	240 mm ²	350 kcmil Code	185 mm ²	Standard	1.69	1.49	3.63	Blue	Red	19 or L80	18	1.60	1.41
YSR34FX29FXLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.69	1.44	3.81	Blue	Yellow	19 or L80	16	1.60	1.38
YSR34FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.69	1.43	3.86	Blue	Purple	19 or L80	15	1.60	1.36
YSR34FX28LTCKITC			4/0 AWG Code	—	Standard	1.69	1.30	3.95	Blue	Purple	19 or L80	15	1.60	1.24
YSR34FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.69	1.13	3.94	Blue	Black	19 or L80	13	1.60	1.09
YSR34FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.69	1.04	4.01	Blue	Pink	19 or L80	12	1.60	1.00
YSR34FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.69	0.82	4.02	Blue	Brown	19 or L80	10	1.60	0.78
YSR34FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.69	0.74	4.11	Blue	Gray	19 or L80	8	1.60	0.71
YSR34FX6CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Standard	1.69	0.73	4.26	Blue	Blue	19 or L80	7	1.60	0.70
YSR32FX29FXLTCKITC			300 kcmil Flex	185 mm ² Class 2	4/0 AWG Flex	120 mm ²	Standard	1.57	1.44	3.50	Red	Yellow	19 or L80	16
YSR32FX28FXLTCKITC	4/0 AWG Flex or Telco Flex	120 mm ²			Standard	1.57	1.43	3.46	Red	Purple	19 or L80	15	1.48	1.36
YSR3129FXLTCKITC	350 kcmil Code	185 mm ² Class 2	4/0 AWG Flex	120 mm ²	Standard	1.49	1.44	3.13	Red	Yellow	18	16	1.41	1.38
YSR3128FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.49	1.43	3.25	Red	Purple	19 or L80	15	1.41	1.36
YSR3128LTCKITC			4/0 AWG Code	—	Standard	1.49	1.30	3.27	Red	Purple	18	15	1.41	1.24
YSR3126FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.49	1.16	3.24	Red	Black	18	13	1.41	1.10
YSR3125FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.49	1.04	3.33	Red	Pink	18	12	1.41	1.00
YSR312CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.49	0.82	3.37	Red	Brown	18	10	1.41	0.78
YSR314CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.49	0.74	3.43	Red	Gray	18	8	1.41	0.71
YSR316CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Standard	1.49	0.73	3.58	Red	Blue	18	7	1.41	0.70
YSR29FX28LTCKITC	4/0 AWG Flex	120 mm ²	4/0 AWG Code	—	Standard	1.44	1.30	3.00	Yellow	Purple	16	15	1.38	1.24
YSR29FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.44	1.04	3.07	Yellow	Pink	16	12	1.38	1.00
YSR29FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.44	0.82	3.11	Yellow	Brown	16	10	1.38	0.78

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.

Note 2: Non-inspection window versions are available. Please contact customer service.

Note 3: Installation Tooling Charts on pages C-94 - C-99.

(Table continued on next 2 pages)

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Reducing Splice Kit – Code and Flex – Inspection Window

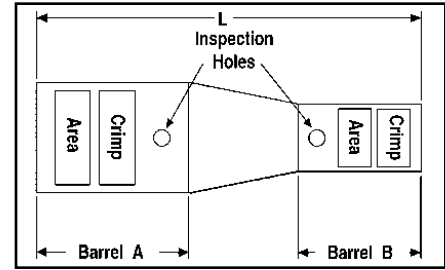
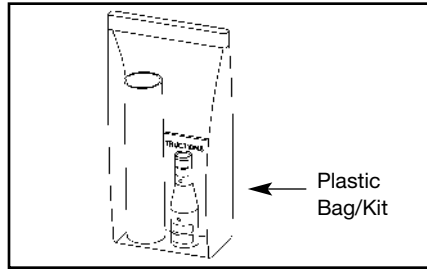
C-92

TYPE YSR-TC

HYREDUCER™

(Continued)

In-line Reducer Splice Kits for Telecommunications Applications



** Clear Heat Shrink Kit Catalog Number	Wire Range				Barrel Type	Dimensions			Connector				Wire Strip Length	
	Barrel A		Barrel B			Barrel A	Barrel B	L	Color Code		Die Index		Barrel A	Barrel B
	AWG	mm ²	AWG	mm ²					Barrel A	Barrel B	Barrel A	Barrel B		
YSR28FX28LTCKITC	4/0 AWG Flex or Telco Flex	120 mm ²	4/0 AWG Code	—	Standard	1.43	1.43	3.00	Purple	Purple	15	15	1.36	1.36
YSR28FX26FLTKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.43	1.13	2.94	Purple	Black	15	13	1.36	1.19
YSR28FX25FLTKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.43	1.04	2.94	Purple	Pink	15	12	1.36	1.00
YSR28FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.43	0.82	2.92	Purple	Brown	15	10	1.36	0.78
YSR28FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.43	0.74	3.19	Purple	Gray	15	8	1.36	0.71
YSR2825FXLTCKITC	4/0 AWG Code	—	1/0 AWG Flex or Code	50 mm ²	Standard	1.30	1.04	2.66	Purple	Pink	15	12	1.24	1.00
YSR282CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.30	0.82	2.70	Purple	Brown	15	10	1.24	0.78
YSR284CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.30	0.74	2.69	Purple	Gray	15	8	1.24	0.71
YSR286CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Standard	1.30	0.73	2.99	Purple	Blue	15	7	1.24	0.70
YSR26FX25FLTKITC	2/0 AWG Flex or Code	70 mm ²	1/0 AWG Flex or Code	50 mm ²	Standard	1.16	1.04	2.36	Black	Pink	13	12	1.10	1.00
YSR26FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Standard	1.16	0.82	2.41	Black	Brown	13	10	1.10	0.78
YSR26FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.16	0.74	2.47	Black	Gray	13	8	1.10	0.71
YSR26FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm ²	Standard	1.16	0.73	2.71	Black	Blue	13	7	1.10	0.70
YSR25FX2CFXLTCKITC	1/0 AWG Flex or Code	50 mm ²	#2 AWG Flex or Code	35 mm ²	Standard	1.04	0.82	2.12	Pink	Brown	12	10	1.00	0.78
YSR25FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.04	0.74	2.18	Pink	Gray	12	8	1.00	0.71
YSR25FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm ²	Standard	1.04	0.73	2.42	Pink	Blue	12	7	1.00	0.70
YSR2CFX4CFXLTCKITC	#2 AWG Flex or Code	35 mm ²	#4 AWG Flex or Code	—	Standard	0.82	0.74	1.79	Brown	Gray	10	8	0.78	0.71
YSR2CFX6CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Standard	0.82	0.73	1.93	Brown	Blue	10	7	0.78	0.70
YSR2CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm ²	Standard	0.82	0.60	1.79	Brown	Red	10	49	0.78	0.57
YSR4CFX6CFXLTCKITC	#4 AWG Flex or Code	—	#6 AWG Flex or Code	16 mm ²	Standard	0.74	0.73	1.67	Gray	Blue	8	7	0.71	0.70
YSR4CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm ²	Standard	0.74	0.60	1.50	Gray	Red	8	49	0.71	0.57
YSR4CFX10CLTKITC			#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.74	0.66	1.66	Gray	—	8	—	0.71	0.63

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.

Note 2: Non-inspection window versions are available. Please contact customer service.

Note 3: Installation Tooling Charts on pages C-94 - C-99.

(Table continued on next page)

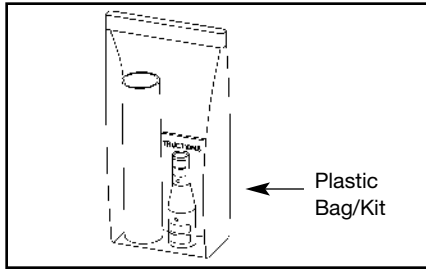
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

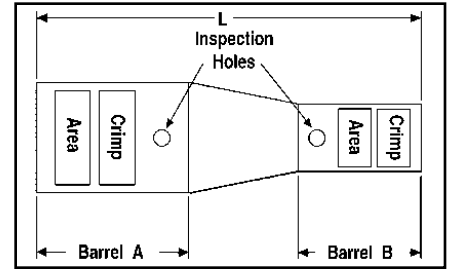
HYREDUCER™

(Continued)

In-line Reducer Splice Kits for Telecommunications Applications



Plastic Bag/Kit



C-93

** Clear Heat Shrink Kit Catalog Number	Wire Range				Connector								Wire Strip Length	
	Barrel A		Barrel B		Barrel Type	Dimensions			Color Code		Die Index		Barrel A	Barrel B
	AWG	mm ²	AWG	mm ²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B		
YSR6CFX8CFXLTKITC	#6 AWG Flex or Code	16 mm ²	#8 AWG Flex or Code	10 mm ²	Standard	0.73	0.60	1.37	Blue	Red	7	49	0.70	0.57
YSR6CFX10CLTKITC			#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.73	0.66	1.53	Blue	—	7	—	0.70	0.63
YSR8CFX10CLTKITC	#8 AWG Flex or Code	10 mm ²	#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.60	0.66	1.41	Red	—	49	—	0.57	0.63
YSR8CFX14CLTKITC			#14 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.60	0.66	1.41	Red	—	49	—	0.57	0.06
YSR10CFX12CLTKITC	#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	#12 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.66	0.66	1.45	—	—	—	—	0.63	0.63
YSR10CFX14CLTKITC		2.5 mm ² Flex	#14 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Standard	0.66	0.66	1.45	—	—	—	—	0.63	0.63

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.
Note 3: Installation Tooling Charts on pages C-94 - C-99.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

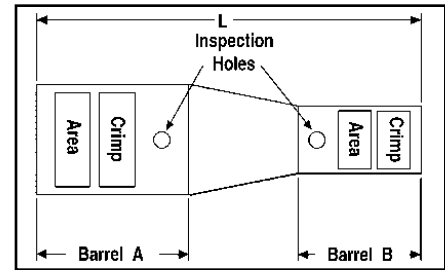
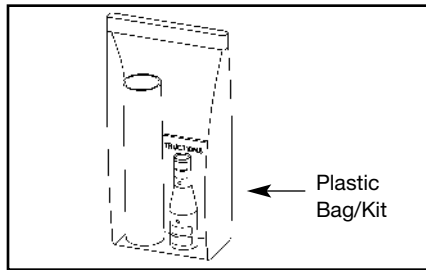
Copper Compression – Reducing Splice Kit – Code and Flex – Inspection Window

C-94

TYPE YSR-TC

INSTALLATION TOOLING CHART

In-line Reducer Splice Kits for Telecommunications Applications



** Clear Heat Shrink Kit Catalog Number	Installation Tooling																	
	Wire Range				Color Code				Die Index		Hydraulic		Hydraulic		Mechanical		Dieless	
	Barrel A		Barrel B		Barrel A	Barrel B	Barrel A	Barrel B	Y750, Y35, Y46, PAT750, BAT750		BCT500HS, Y500THS		OUR840, MD7-34		Y/PAT644 Series, MY29-11			
	AWG	mm ²	AWG	mm ²					Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm ² Class 5	750 kcmil Code	—	Yellow	Black	L115	24	U44XRT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX38FLTKITC			500 kcmil Flex	300 mm ²	Yellow	Pink	L115	L99	U44XRT (2)	U38XRT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX34LTCKITC			500 kcmil Code	240 mm ²	Yellow	Brown	L115	20	U44XRT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX34FLTKITC			350 kcmil Flex	240 mm ²	Yellow	Blue	L115	19 or L80	U44XRT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX31LTCKITC			350 kcmil Code	185 mm ²	Yellow	Red	L115	18	U44XRT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX30LTCKITC			300 kcmil Code	150 mm ²	Yellow	White	L115	17 or 298	U44XRT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX29FLTKITC			4/0 AWG Flex	120 mm ²	Yellow	Yellow	L115	16	U44XRT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX28FLTKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR44FX28LTCKITC			4/0 AWG Code	—	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1) PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1)		
YSR3939LTCKITC	750 kcmil Code	—	750 kcmil Code	—	Black	Black	24	24	U39RT (2) P39RT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3938FLTKITC			500 kcmil Flex	300 mm ²	Black	Pink	24	L99	U39RT (2) P39RT (2)	U38XRT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3934LTCKITC			500 kcmil Code	240 mm ²	Black	Brown	24	20	U39RT (2) P39RT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3934FLTKITC			350 kcmil Flex	240 mm ²	Black	Blue	24	19 or L80	U39RT (2) P39RT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3931LTCKITC			350 kcmil Code	185 mm ²	Black	Red	24	18	U39RT (2) P39RT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3930LTCKITC			300 kcmil Code	150 mm ²	Black	White	24	17 or 298	U39RT (2) P39RT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3929FLTKITC			4/0 AWG Flex	120 mm ²	Black	Yellow	24	16	U39RT (2) P39RT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3928FLTKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)		
YSR3928LTCKITC			4/0 AWG Code	—	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1) PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1)		

Note 1: All dimensions shown are for reference only.
 Note 2: Non-inspection window versions are available. Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
 ** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

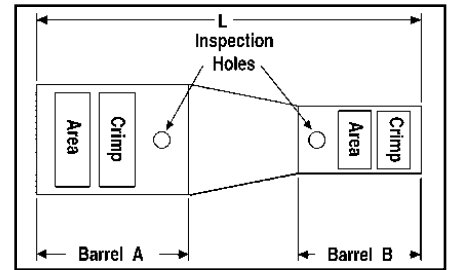
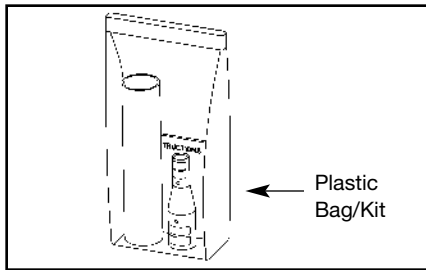
(Installation Tooling Chart continued on next 5 pages)

Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications



C-95

** Clear Heat Shrink Kit Catalog Number	Installation Tooling																	
	Wire Range				Color Code				Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical OUR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B		Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B		
	AWG	mm ²	AWG	mm ²														
YSR38FX34LTCKITC	500 kcmil Flex	300 mm ²	500 kcmil Code	240 mm ²	Pink	Brown	L99	20	U38XRT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX34FXLTCKITC			350 kcmil Flex	240 mm ²	Pink	Blue	L99	19 or L80	U38XRT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX31LTCKITC			350 kcmil Code	185 mm ²	Pink	Red	L99	18	U38XRT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX30LTCKITC			300 kcmil Code	150 mm ²	Pink	White	L99	17 or 298	U38XRT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Pink	Black	L99	13	U38XRT (2)	U26RT (1)	—	W26VT (2) W26RT (2) X26RT (2)	—	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR38FX29FXLTCKITC			4/0 AWG Flex	120 mm ²	Pink	Yellow	L99	16	U38XRT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Pink	Purple	L99	15	U38XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR38FX28LTCKITC			4/0 AWG Code	—	Pink	Purple	L99	15	U38XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)		
YSR3434FXLTCKITC	500 kcmil Code	240 mm ²	350 kcmil Flex	240 mm ²	Brown	Blue	20	19 or L80	U34RT (2) U31ART (2)	U32RT (2)	W34VT (2) W34RT (2)	W32VT (2) W32RT (2)	W34VT (2) W32RT (2)	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR3431LTCKITC			350 kcmil Code	185 mm ²	Brown	Red	20	18	U34RT (2) U31ART (2)	U31RT (2)	W34VT (2) W34RT (2)	W31VT (2) W31RT (2)	W34VT (2) W34RT (2)	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR3429FXLTCKITC			4/0 AWG Flex	120 mm ²	Brown	Yellow	20	16	U34RT (2) U31ART (2)	U29RT (1)	W34VT (2) W34RT (2)	W29VT (2) W29RT (2) X29RT (4)	W34VT (2) W34RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR3428FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Brown	Purple	20	15	U34RT (2) U31ART (2)	U28RT (1)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR3428LTCKITC			4/0 AWG Code	—	Brown	Purple	20	15	U34RT (2) U31ART (2)	U28RT (1)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)		
YSR3425FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Brown	Pink	20	12	U34RT (2) U31ART (2)	U25RT (1)	W34VT (2) W34RT (2)	W25VT (2) W25RT (2) X25RT (2)	W34VT (2) W34RT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR34FX31LTCKITC			350 kcmil Code	185 mm ²	Blue	Red	19 or L80	18	U32RT (2)	U31RT (2)	W32VT (2) W32RT (2)	W31VT (2) W31RT (2)	W32VT (2) W32RT (2)	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)		
YSR34FX29FXLTCKITC			350 kcmil Flex	240 mm ²	4/0 AWG Flex	120 mm ²	Blue	Yellow	19 or L80	16	U32RT (2)	U29RT (1)	W32VT (2) W32RT (2)	W29VT (2) W29RT (2) X29RT (4)	W32VT (2) W32RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)

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Note 2: Non-inspection window versions are available. Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
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(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

(Installation Tooling Chart continued on next 4 pages)

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

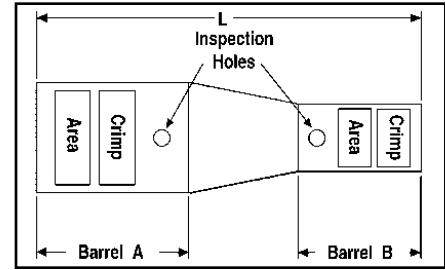
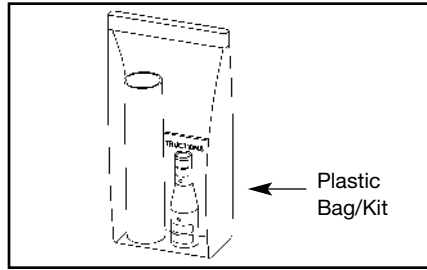
Copper Compression – Reducing Splice Kit – Code and Flex – Inspection Window

C-96

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications



Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code				Hydraulic				Mechanical		Dieless	
	Barrel A		Barrel B						Y750, Y35, Y46, PAT750, BAT750		BCT500HS, Y500CTHS		OUR840, MD7-34		Y/PAT644 Series, MY29-11	
	AWG	mm ²	AWG	mm ²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B		
YSR34FX28FXLTCKITC	350 kcmil Flex	240 mm ²	4/0 AWG Flex or Telco Flex	120 mm ²	Blue	Purple	19 or L80	15	U32RT (2)	U28RT (1)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR34FX28LTCKITC			4/0 AWG Code	—	Blue	Purple	19 or L80	15	U32RT (2)	U28RT (1)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)
YSR34FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Blue	Black	19 or L80	13	U32RT (2)	U26RT (1)	W32VT (2) W32RT (2)	W26VT (2) W26RT (2) X26RT (2)	W32VT (2) W32RT (2)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR34FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Blue	Pink	19 or L80	12	U32RT (2)	U25RT (1) U2CABT (1)	W32VT (2) W32RT (2)	W25VT (2) W25RT (2) X25RT (2)	W32VT (2) W32RT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR34FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Blue	Brown	19 or L80	10	U32RT (2)	U2CRT (1)	W32VT (2) W32RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W32VT (2) W32RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR34FX4CFXLTCKITC			#4 AWG Flex or Code	—	Blue	Gray	19 or L80	8	U32RT (2)	U4CRT (1)	W32VT (2) W32RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W32VT (2) W32RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR34FX6CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Blue	Blue	19 or L80	7	U32RT (2)	U5CRT (1)	W32VT (2) W32RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W32VT (2) W32RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR32FX29FXLTCKITC	300 kcmil Flex	185 mm ² Class 2	4/0 AWG Flex	120 mm ²	Red	Yellow	19 or L80	16	U31RT (2)	U29RT (1)	W31VT (2) W31RT (2)	W29VT (2) W29RT (2) X29RT (4)	W31VT (2) W31RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR32FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Red	Purple	19 or L80	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)
YSR3129FXLTCKITC	350 kcmil Code	185 mm ² Class 2	4/0 AWG Flex	120 mm ²	Red	Yellow	18	16	U31RT (2)	U29RT (1)	W31VT (2)	W29RT (2) W31RT (2)	W29VT (2) W31VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3128FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Red	Purple	19 or L80	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3128LTCKITC			4/0 AWG Code	—	Red	Purple	18	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2), PAT644M (1)

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

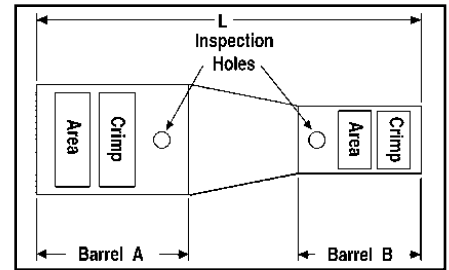
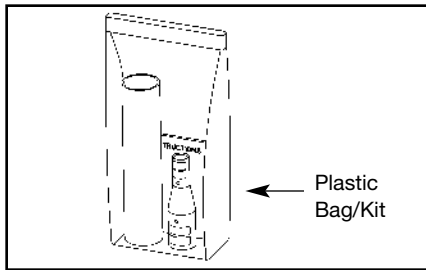
(Installation Tooling Chart continued on next 3 pages)

Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications



** Clear Heat Shrink Kit Catalog Number	Installation Tooling																	
	Wire Range				Color Code				Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical OUR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B		Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B		
	AWG	mm ²	AWG	mm ²														
YSR3126FXLTCKITC	350 kcmil Code	185 mm ² Class 2	2/0 AWG Flex or Code	70 mm ² Class 5	Red	Black	18	13	U31RT (2)	U26RT (1)	W31VT (2) W31RT (2)	W26VT (2) W26RT (2) X26RT (2)	W31VT (2)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR3125FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Red	Pink	18	12	U31RT (2)	U25RT (1)	W31VT (2) W31RT (2)	W25VT (2) W25RT (2) X25RT (2)	W31VT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR312CFXLTCKITC	350 kcmil Code	185 mm ² Class 2	#2 AWG Flex or Code	35 mm ²	Red	Brown	18	10	U31RT (2)	U2CRT (1)	W31VT (2) W31RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W31VT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)		
YSR314CFXLTCKITC			#4 AWG Flex or Code	—	Red	Gray	18	8	U31RT (2)	U4CRT (1)	W31VT (2) W31RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W31VT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)		
YSR316CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Red	Blue	18	7	U31RT (2)	U5CRT (1)	W31VT (2) W31RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W31VT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)		
YSR29FX28LTCKITC	4/0 AWG Flex	120 mm ²	4/0 AWG Code	—	Yellow	Purple	16	15	U29RT (1)	U28RT (1)	W29VT (2) W29RT (2) X29RT (4)	W28VT (2) W28RT (2) X28RT (3)	W29VT (2) W29RT (2) X29RT (4)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)		
YSR29FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Yellow	Pink	16	12	U29RT (1)	U25RT (1)	W29VT (2) W29RT (2) X29RT (4)	W25VT (2) W25RT (2) X25RT (2)	W29VT (2) W29RT (2) X29RT (4)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR29FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Yellow	Brown	16	10	U29RT (1)	U2CRT (1)	W29VT (2) W29RT (2) X29RT (4)	W2CVT (1) W2CRT (1) X2CRT (1)	W29VT (2) W29RT (2) X29RT (4)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)		
YSR28FX28LTCKITC	4/0 AWG Flex or Telco Flex	120 mm ²	4/0 AWG Code	—	Purple	Purple	15	15	U28RT (1)	U28RT (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)		
YSR28FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Purple	Black	15	13	U28RT (1)	U26RT (1)	W28VT (2) W28RT (2) X28RT (3)	W26VT (2) W26RT (2) X26RT (2)	W28VT (2) W28RT (2) X28RT (3)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR28FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Purple	Pink	15	12	U28RT (1)	U25RT (1)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)		
YSR28FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm ²	Purple	Brown	15	10	U28RT (1)	U2CRT (10)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), Y1MRTC (2)		

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

(Installation Tooling Chart continued on next 2 pages)

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

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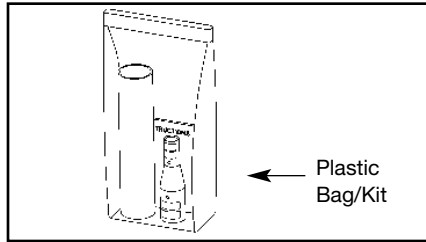
Copper Compression – Reducing Splice Kit – Code and Flex – Inspection Window

C-98

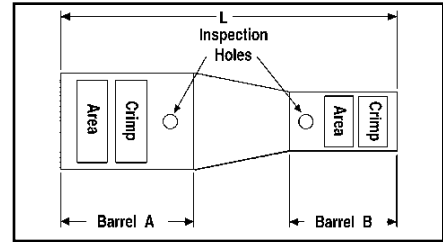
TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications



← Plastic Bag/Kit



Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code				Hydraulic		Hydraulic		Mechanical		Dieless	
	Barrel A		Barrel B						Y750, Y35, Y46, PAT750, BAT750		BCT500HS, Y500CTHS		OUR840, MD7-34		Y/PAT644 Series, MY29-11	
	AWG	mm ²	AWG	mm ²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B		
YSR28FX4CFXLTKITC	4/0 AWG Flex or Telco Flex	120 mm ²	#4 AWG Flex or Code	—	Purple	Gray	15	8	U28RT (1)	U4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR2825FXLTKITC	4/0 AWG Code	—	1/0 AWG Flex or Code	50 mm ²	Purple	Pink	15	12	U28RT (1)	U25RT (1)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	MY29-11 (1), Y644M (1), PAT644M (1)	MRC840 (2) MY29-11 (1), Y644M (1), PAT644M (1)
YSR282CFXLTKITC			#2 AWG Flex or Code	35 mm ²	Purple	Brown	15	10	U28RT (1)	U2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR284CFXLTKITC	4/0 AWG Code	—	#4 AWG Flex or Code	—	Purple	Gray	15	8	U28RT (1)	U4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR286CFXLTKITC			#6 AWG Flex or Code	16 mm ²	Purple	Blue	15	7	U28RT (1)	U5CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W5CVT (1) W5CRT (1) X5CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX25FXLTKITC	2/0 AWG Flex or Code	70 mm ²	1/0 AWG Flex or Code	50 mm ²	Black	Pink	13	12	U26RT (1)	U25RT (1)	W26VT (2) W26RT (2) X26RT (2)	W25VT (2) W25RT (2) X25RT (2)	W26VT (2) W26RT (2) X26RT (2)	W25VT (2) W25RT (2) X25RT (2)	MY29-11 (1), Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX2CFXLTKITC			#2 AWG Flex or Code	35 mm ²	Black	Brown	13	10	U26RT (1)	U2CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX4CFXLTKITC			#4 AWG Flex or Code	—	Black	Gray	13	8	U26RT (1)	U4CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX6CFXLTKITC †			#6 AWG Flex or Code	16 mm ²	Black	Blue	13	7	U26RT (1)	U5CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX2CFXLTKITC	1/0 AWG Flex or Code	50 mm ²	#2 AWG Flex or Code	35 mm ²	Pink	Brown	12	10	U25RT (1)	U2CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX4CFXLTKITC			#4 AWG Flex or Code	—	Pink	Gray	12	8	U25RT (1)	U4CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX6CFXLTKITC †			#6 AWG Flex or Code	16 mm ²	Pink	Blue	12	7	U25RT (1)	U5CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)

Note 1: All dimensions shown are for reference only.
 Note 2: Non-inspection window versions are available. Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
 ** Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

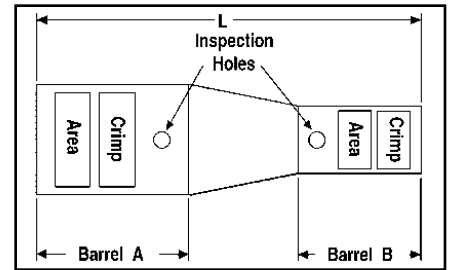
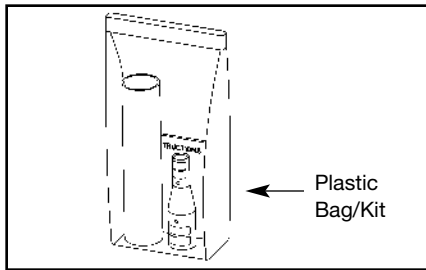
(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Chart continued on next page

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications



Installation Tooling																	
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic		Hydraulic		Mechanical		Dieless		
	Barrel A		Barrel B						Y750, Y35, Y46, PAT750, BAT750		BCT500HS, Y500CHS		OUR840, MD7-34		Y/PAT644 Series, MY29-11		
	AWG	mm ²	AWG	mm ²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B			
YSR2CFX4CFXLTCKITC	#2 AWG Flex or Code	35 mm ²	#4 AWG Flex or Code	—	Brown	Gray	10	8	U2CRT (1)	U4CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	
YSR2CFX6CFXLTCKITC			#6 AWG Flex or Code	16 mm ²	Brown	Blue	10	7	U2CRT (1)	U5CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	
YSR2CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm ²	Brown	Red	10	49	U2CRT (1)	U8CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	
YSR4CFX6CFXLTCKITC	#4 AWG Flex or Code	—	#6 AWG Flex or Code	16 mm ²	Gray	Blue	8	7	U4CRT (1)	U5CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	
YSR4CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm ²	Gray	Red	8	49	U4CRT (1)	U8CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	
YSR4CFX10CLTCKITC			#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Gray	—	8	—	—	U4CRT (1)	—	W4CVT (1) W4CRT (1) X4CRT (1)	—	W4CVT (1) W4CRT (1) X4CRT (1)	—	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR6CFX8CFXLTCKITC	#6 AWG Flex or Code	16 mm ²	#8 AWG Flex or Code	10 mm ²	Blue	Red	7	49	U5CRT (1)	U8CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	
YSR6CFX10CLTCKITC			#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Blue	—	7	—	—	U5CRT (1)	—	W5CVT (1) W5CRT (1) X5CRT (1)	—	W5CVT (1) W5CRT (1) X5CRT (1)	—	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR8CFX10CLTCKITC	#8 AWG Flex or Code	10 mm ²	#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Red	—	49	—	—	U8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR8CFX14CLTCKITC			#14 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	Red	—	49	—	—	U8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR10CFX12CLTCKITC	#10 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	#12 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	—	—	—	—	—	—	—	—	—	—	—	Y8MRB-1 (2), MR8G98 (2), Y10D (2)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR10CFX14CLTCKITC			#14 AWG Flex or Code	6 mm ² Str. or 2.5 mm ² Flex	—	—	—	—	—	—	—	—	—	—	—	—	Y8MRB-1 (2), MR8G98 (2), Y10D (2)

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink – UL224 WW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

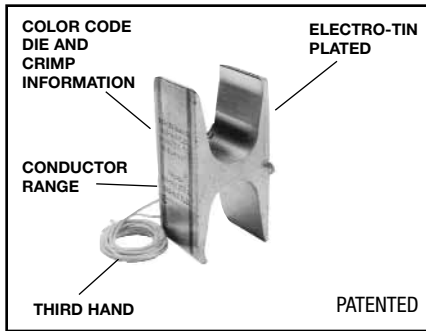
TYPE YH

H-TAP COPPER CRIMPIT™

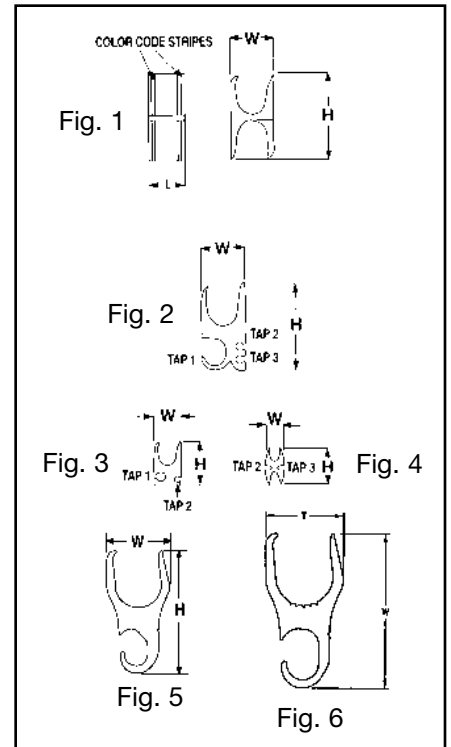


Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
 - ◇ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently of each other. Use of one tap is required. Balance may be used or left empty.
 - ◇ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
 - ◇ Provides matched system for fast and easy installation.



- Die index embossed on connector after completion of crimp.
 - ◇ Permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Recommended flame retardant type CF-FR insulating covers meet oxygen index 28 and UL94 V-O requirements.
 - ◇ A complete insulated UL Listed installation is provided.
- Third Hand constrains conductors while installer completes crimp. Included with each connector.
 - ◇ Simplifies installation, reducing installed cost.



C-103

TABLE 1 CODE CONDUCTOR AND METRIC EQUIVALENT

H-Tap Connector	Kit Catalog Number		Fig. #	Conductor Sizes Code/(Flex Cable)				Metric Conductor Sizes (mm ²)			
	Flame Retardant Cover			Main	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3
	Clear	Black									
YH4444	YH4444WCC	YH4444WC	1	1000-750	1000-750	—	—	500-400	500-400	—	—
YH4434*	YH4434WCC*	YH4434WC	6	750-500 (750)	750-500 (350)	—	—	1000-750 (777-500) (777-750)	500-350 (350 FX)	—	—
YH4429	YH4429WCC	YH4429WC	5	1000-750 (777-500)	250-2 (4/0-2)	—	—	500-400	150-35	—	—
YH3939	YH3939WCC	YH3939WC	1	750-500 (550-500)	750-350 (550-350)	—	—	300-300	300-185	—	—
YH3931	YH3931WCC	YH3931WC	2	750-350 (550-500)	4/0-1/0 (250-1/0)	1-6 Str/Sol (1-8)	2-14 (2-14)	300-185	95-70	35-16	35-2.5
YH3434	YH3434WCC	YH3434WC	1	500-250 (350-4/0)	500-4/0 (350-4/0)	—	—	240-150	240-120	—	—
YH3429	YH3429WCC	YH3429WC	2	500-4/0 (350-4/0)	250/1/0 (4/0-1/0)	1-6 Str/Sol (1-8)	8-14 #8	240-120	120-70	35-16	6-2.5
YH2929	YH2929WCC	YH2929WC	1	250-2 (4/0-2)	250-2 (4/0-2)	—	—	120-35	120-35	—	—
YH292C	YH292CWCC	YH292CWC	3	250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14 (8-14)	—	120-35	35-16	6-2.5	—
YH298C	YH298CWCC	YH298CWC	3	250-2 (4/0-2)	8-14 (8-14)	8-14 (8-14)	—	120-35	6-2.5	6-2.5	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14 (8-14)	8-14 (8-14)	35-16	35-16	6-2.5	6-2.5
YH6C6C	YH6C6CWCC	YH6C6CWC	1	6-10 (6-10)	6-14 (6-14)	—	—	10-6	10-2.5	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	1	8-14 (8-14)	8-14 (8-14)	—	—	6-2.5	6-2.5	—	—

• Use PUADP-1 adaptor with U dies in Y46.
 ▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA approved.
 Note: All H-Taps ROHS compliant.
 Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YH

H-TAP COPPER CRIMPIT™ (Continued)

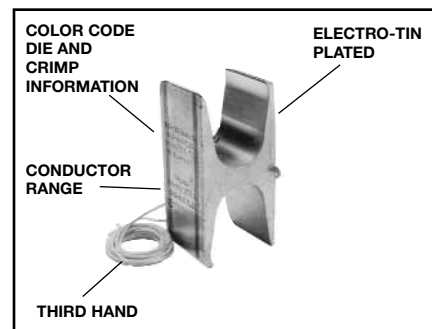


TABLE 2 FLEX AND METRIC CONDUCTOR RANGES

Catalog Number		Maximum Conductor in Range	Maximum Metric Dimensions	Diameter mm	Minimum Conductor in Range	Minimum Metric Dimensions	Diameter mm
		Flex Conductor (AWG/kcmil)	mm ²		Flex Conductor (AWG/kcmil)	mm ²	
YH4444	Main	777	393	28	500	253	24
	Tap 1	777	393	28	500	253	24
	Main	777	393	28	750	380	31
YH4434*	Tap 1	—	—	—	350	177	20
YH4429	Main	777	393	28	500	253	24
	Tap 1	4/0	107	15.5	2	33.6	8
YH3939	Main	550	278	25	500	253	24
	Tap 1	550	278	25	350	177	20
YH3931	Main	550	278	25	500	253	24
	Tap1	250	126	17	1/0	53.5	11
	Tap 2	1	42	9	8	8	4
	Tap 3	2	33.6	8	14	2	2
YH3434	Main	350	177	20	4/0	107	15.5
	Tap 1	350	177	20	4/0	107	15.5
YH3429	Main	350	177	20	4/0	107	15.5
	Tap 1	4/0	107	15.5	1/0	53	11
	Tap 2	1	42	9	8	8	4
	Tap 3	8	8	4	14	2	2
YH2929	Main	4/0	107	15.5	2	33.6	8
	Tap 1	4/0	107	15.5	2	33.6	8
YH292C	Main	4/0	107	15.5	2	33.6	8
	Tap1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
YH298C	Main	4/0	107	15.5	2	33.6	8
	Tap1	8	8	4	14	2	2
	Tap 2	8	8	4	14	2	2
YH2C2C	Main	2	33.6	8	8	8	4
	Tap 1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
	Tap 3	8	8	4	14	2	2
YH6C6C	Main	6	13	5	10	5	3
	Tap 1	6	13	5	14	2	2
YH8C8C	Main	8	8	4	14	2	2
	Tap 1	8	8	4	14	2	2

• Use PUADP-1 adaptor with U dies in Y46.
 ▲ See tooling section of this catalog for complete tool and die listings.

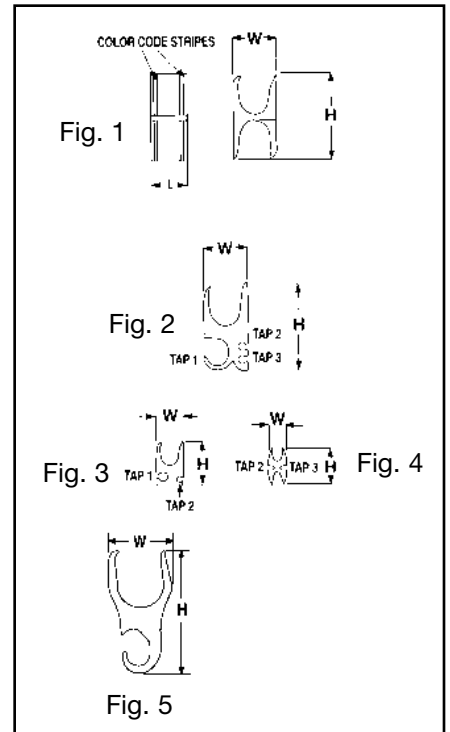
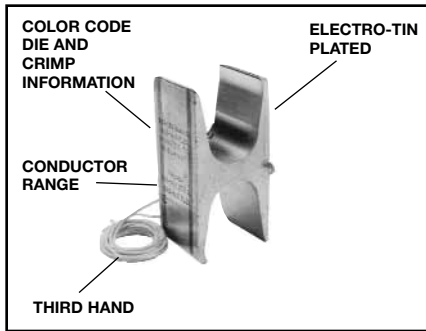
* Not CSA approved.
Note: All H-Taps ROHS compliant.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YH

H-TAP COPPER CRIMPIT™

(Continued)



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TABLE 3 INSTALLATION TOOLING + DIMENSIONS

BURNDY Catalog Number	Kit Catalog Number		▲ Tooling († No. of Crimps)								Color Code	▲ Die Index & Embossment	H	W	L	Strip Length
	Flame Retardant Cover	Clear	Black ‡	Fig. No.	Y35	†	Y750	†	Y46*	†						
YH4444	YH4444WCC	YH4444WC	1	—	—	—	—	P1102	1	White	1102	3.38	1.70	1.00	1-1/8"	
YH4434*	YH4434WCC*	YH4434WC	5	—	—	—	—	PYFR	1	Yellow	K-R	3.22	1.70	1.00	1-3/8"	
YH4429	YH4429WCC	YH4429WC	1	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	1.25	1-3/8"	
YH3939	YH3939WCC	YH3939WC	2	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	.95	1-1/16"	
YH3931	YH3931WCC	YH3931WC	1	—	—	U1104M	1	P1104	1	Brown	1104	2.43	1.15	1.00	1-1/8"	
YH3434	YH3434WCC	YH3434WC	2	—	—	U1104M	1	P1104	1	Brown	1104	2.23	1.31	1.00	1-1/8"	
YH3429	YH3429WCC	YH3429WC	1	—	—	U1104M	1	U654	1	Purple	654	1.85	.90	.90	1-1/16"	
YH2929	YH2929WCC	YH2929WC	3	—	—	U654	1	U654	1	Purple	654	1.52	.90	.90	1-1/16"	
YH292C	YH292CWCC	YH292CWC	3	—	—	U654	1	U654	1	Purple	654	1.52	.90	.90	1-1/16"	
YH298C	YH298CWCC	YH298CWC	4	U-C	1	U-C	1	U-C	1	Brown	C	1.25	.60	.75	7/8"	
YH2C2C	YH2C2CWCC	YH2C2CWC	1	UBGRT	1	UBGRT	1	UBGRT	1	Orange	BG	.81	.39	.60	3/4"	
YH6C6C	YH6C6CWCC	YH6C6CWC	1	U11T-1	1	U11T-1	1	U11T-1	1	Green	11	.63	.40	.60	3/4"	
YH8C8C	YH8C8CWCC	YH8C8CWC														

• Use PUADP-1 adaptor with U dies in Y46.
 ▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA approved.
 † Note: All H-Taps ROHS compliant.
 ‡ Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

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TYPE CF-FR

H-TAP — FLAME RETARDANT COVER

UL Listed to 600 Volts



600 VOLT 90° C



Features and Benefits

- One-piece design.
 - ◇ No extra parts or hardware required.

Features and Benefits (continued)

- Slips over connector and latches securely shut.
 - ◇ Fast, easy, reliable insulation of H-Tap compression.
- Eliminates tapping.
 - ◇ Economical, fast, easy installation.
- Flash barriers.
 - ◇ Protects against electrical flashover.
- CF-FR flame retardant design.
 - ◇ Self-extinguishing retardant properties.
- Minimum 28 oxygen index.
 - ◇ Self-extinguishing retardant properties.
- UL 94 V-O rated.
 - ◇ Self-extinguishing retardant properties.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CFBG-FR	#8 AWG	YH8C8C	.65	Green
	#6 AWG	YH6C6C		Orange
CF0-FR	#2 AWG	YH2C2C	.80	Brown
CFD-FR	250 kcmil	YH292C, YH298C, YH2929	.95	Purple
CFN-FR	500 kcmil	YH3434, YH3429*	1.10	Brown
CFR-FR †	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434, YH4444	1.10	Yellow, White

* Use CFN-FR for single tap installation; use CFR-FR when 2 or more tap conductors are installed.

† Two-piece design packaged together.
Note: All dimensions shown are for reference only.

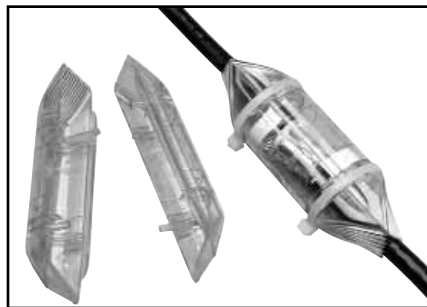
TYPE CCF-FR

CLEAR H-TAP — FLAME RETARDANT COVER

UL Listed to 600 Volts



600 VOLT 90° C



Features and Benefits (continued)

- Mounted Magnifying Lens provides increased visibility of Die Embossment on installed H-Tap Connectors.
- Made of Polished Clear Polycarbonate material that provides:
 - ◇ High visibility for inspection of installed connectors.

Features and Benefits (continued)

- ◇ Flame Retardant UL94 V-O Rated Material –self-extinguishing retardant properties
- ◇ High Impact design
- Built in Channels to accommodate and hold Cable ties, Hook & Loop ties, or Waxed Cord, securely in place after installation.
- Patented highly flexible fingers designed to contour around the conductor.
- Internal pockets designed to accommodate Identification tags (4 ID tags included).
- Molded barriers prevent installed H-Tap Connectors from Electrical Flashover.
- Covers come packaged complete with (2) Cover Halves, (2) Cable Ties and (4) Identification Labels.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CCFBG-FR	#8 AWG	YH8C8C	.65	Green
	#6 AWG	YH6C6C		Orange
CCF0-FR	#2 AWG	YH2C2C	.80	Brown
CCFD-FR	250 kcmil	YH292C, YH298C	.95	Purple
CCFDX-FR	250 kcmil	YH2929	.95	Purple
CCFN-FR	500 kcmil	YH3434, YH3429*	1.10	Brown
CCFR-FR	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434, YH4444	1.10	White

* Use CCFN-FR for single tap installation; use CCFR-FR when 2 or more tap conductors are installed.

Note: All dimensions shown are for reference only.

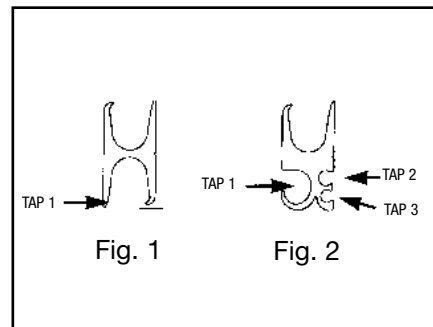
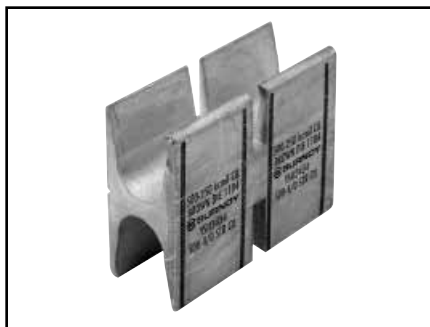
Blue highlighted items are industry standard and most frequently ordered.

TYPES YSH

H COPPER CRIMPIT™

COPPER SPLIT
COMPRESSION WYE TAP
CONNECTOR

Type YSH heavy duty connectors are designed for insulated underground wye splices. The split H copper CRIMPIT™ connector is longer than our standard H copper CRIMPIT™ and is suitable for use on high voltage (15 kV) power cables with copper conductors. The connectors can not be used with oil filled or mass impregnated cables since no oil stop is provided. The connector is installed with standard BURNDY® HYPRESS™ tools and is made of tin-plated electrolytic copper.



Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
 - ◇ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently from each other. Use of one tap is required. Balance may be used or left empty.
 - ◇ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
 - ◇ Provides matched system for fast and easy installation.
- Die index embossed on connector after completion of crimp.
 - ◇ Permanent inspectability of installed connectors to ensure consistently reliable and dependable connections.
- Insulation is not provided. Insulation can be obtained from Raychem (800-272-9243) type HVSY Splice kits for 15 kV installations.
 - ◇ A complete IEEE 404 15 kV installation is provided.

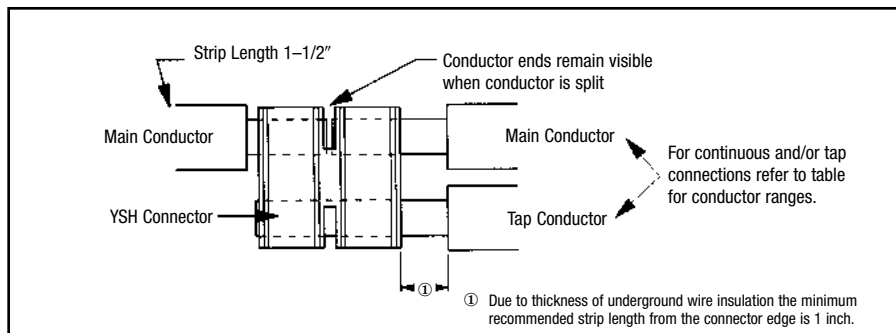
Expanded Tap 1 Components	
Expanded Catalog Number	Tap 1 Range
YSH-292C-E	#2
YSH-2925-E	1/0

Catalog Number	Conductor Sizes Code Expanded Tap 1 (Flex Cable)				▲ Tooling (†Number of Crimps)				Die Index ▲ & Embossment	H	W	L	Strip Length	
	Fig.	Main	Tap 1	Tap 2	Tap 3	Y750	†	Y46*						†
YSH2929	1	250-2 (4/0-2)	250-2 (4/0-2)			U654	(4)	U654 P654	(4)/(2)	Purple	654	1.85	.90	See Application Notes Below
YSH3429	2	500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1-6 Str./Sol. (1-8)	8-14 (8-14)	U1104	(4)	U1104 P1104	(4)/(2)	Brown	1104	2.23	1.31	
YSH3434	1	500-250 (350-4/0)	500-4/0 (350-4/0)			U1104	(4)	U1104 P1104	(4)/(2)	Brown	1104	2.43	1.15	
YSH3931	2	750-350 (550-500)	350-1/0 (350-1/0)	1-6 Str./Sol. (1-8)	2-14 (2-14)	—	—	PYFR	2	Yellow	K-R	2.97	1.50	
YSH3939	1	750-350 (550-500)	750-350 (550-350)			—	—	PYFR	2	Yellow	K-R	2.97	1.50	

* Use PUADP-1 adaptor with U dies in Y46. The Y46 and P dies result in a smooth crimp surface and is recommended for voltages above 600 V.

▲ See tooling section of this catalog for complete tool and die listings.
† Number of crimps per connector. U -dies require double crimps.

Note: All dimensions shown are for reference only.



Blue highlighted items are industry standard and most frequently ordered.

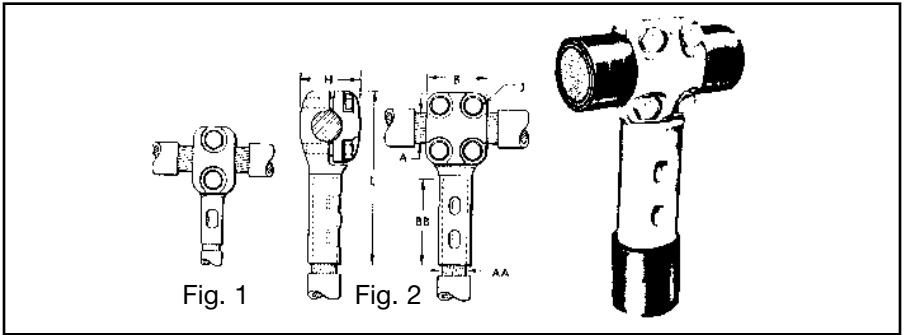
T-CONNECTOR

TYPE NYT

CABLE RUN – CABLE TAP

UL Listed 90° C,
 600 Volts to 35 kV ◆

A T connector designed to provide a clamp-type element on the run and a permanent HYPRESS™ connection on the tap. Recommended for use on ring buses or for applications where occasional disconnects from the run conductor are desired without disturbing the tap connection. Tin plated. For proper installation of tap cable, see table below.



C-109

Conductor Size		Catalog Number	Fig. No.	Dimensions in Inches					Installation Information				(No. of Indents)	App. Ship. Wt. in Lbs.
									HYPRESS™ and Indentor Die					
Run A	Tap AA			B	BB	H	J	L	Y29B with Y29PR	Y34A with Y34PR	Y34B with Y34PR	Y48B with Y44PR		
4/0 Str.	4/0 Str.	NYT2828	2	2	1-5/8	1-3/8	3/8	4-5/16	D28L	A28D	B28D	E28D	(1)	2.2
250 kcmil	1/0 Str.	NYT2925	1	1-3/8	1-3/8	1-7/16	3/8	4-1/16	D25L	A25D	B25D	—	(1)	1.5
	250 kcmil	NYT2929	2	2	1-5/8	1-7/16	3/8	4-7/16	D29L	A29D	B29D	E29D	(1)	2.2
500 kcmil	2/0 Str.	NYT3426	1	1-3/8	1-1/2	1-5/8	3/8	4-7/16	D26L	A26D	B26D	—	(1)	1.7
	4/0 Str.	NYT3428	2	2	1-5/8	1-5/8	3/8	4-5/8	D28L	A28D	B28D	E28D	(1)	2.5
	250 kcmil	NYT3429	2	2	1-5/8	1-5/8	3/8	4-5/8	D29L	A29D	B29D	E29D	(1)	2.5
	500 kcmil	NYT3434	2	2	2-1/4	1-5/8	3/8	5-3/8	—	A34D	No Nest Die Req.	E34D	(2)	2.5
750 kcmil	250 kcmil	NYT3929	2	2	1-5/8	1-7/8	3/8	4-13/16	D29L	A29D	B29D	E29D	(1)	2.5
	500 kcmil	NYT3934	2	2	2-1/4	1-7/8	3/8	5-9/16	—	A34D	No Nest Die Req.	E34D	(2)	2.7
1000 kcmil	250 kcmil	NYT4429	2	2	1-5/8	2-1/8	3/8	5	D29L	A29D	B29D	E29D	(1)	2.5
	350 kcmil	NYT4431	2	2	2	2-1/8	3/8	5-7/16	—	A31D	B31D	E31D	(2)	2.5
	500 kcmil	NYT4434	2	2	2-1/4	2-1/8	3/8	5-3/4	—	A34D	No Nest Die Req.	E34D	(2)	2.7
	1000 kcmil	NYT4444	2	2-11/16	3	2-5/16	1/2	7	—	—	—	No Nest Die Req.	(2)	3.2
1500 kcmil	1500 kcmil	NYT4646	2	2-11/16	3-3/16	2-3/4	1/2	7-11/16	—	—	—	C46D*	(2)	8.0

* Y48B Hypress™ with Y48PR indentor.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: Circumferential dies may be used. For information contact BURNDY®.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

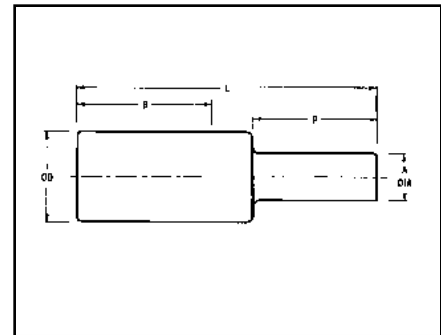
Copper Compression – Adaptors

C-110

TYPES YE-P, YE-P-FX

HYPLUG™ FOR COPPER CONDUCTOR

Type YE-P copper compression adaptors are designed for reliable termination of **copper** conductor when the current capacity of the conductor is downsized, but larger conductor is utilized. Typical applications are for voltage drop protection when oversized conductors are used or flex conductor is used. These adaptors facilitate the termination into existing mechanical set screw connectors for various stranded copper cables.



For Aluminum HYPLUG™ go to page C-118



Catalog Number	Accommodates Copper Wire Sizes			Pin Size	Dimensions					Installation Data												
	Flex Cable	Code AWG	Navy		Equiv	A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	Color Code	Die Index	Mech Tools (# of Crimps)				Hydraulic Tools (# of Crimps)					Cable Strip Length
													MY	Y2MR	MD7-34R	MD6/MD7	Y35/Y39	Y45	④ Y46	Y60BHU	Y644M (Accommodates Expanded Wire Range)	
YE4CP20X75FX	#4 Str (91/24-105/24)	#4	40	#4	.20 [5]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32"	
YE2CP26X75FX	#2 Str (125/24-150/24)	#2	60	#2	.26 [7]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4"	
YE1CP29X75FX	#1 Str (175/24-225/24)	#1	75	#1	.29 [8]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4"	
YE25P33X75FX	1/0 Str (275/24)	1/0	100	1/0	.33 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8"	
YE26P37X75FX	2/0 Str (325/24)	2/0	125	2/0	.37 [9]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8"	
YE27P41X82FX	3/0 Str (450/24)	3/0	150	3/0	.41 [10]	1.97 [50]	3.11 [77]	.82 [21]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16"	
YE28P46X92FX	4/0 Str (550/24)	4/0	200	4/0	.46 [12]	1.99 [51]	3.28 [81]	.92 [23]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16"	
Flex Cable Only																						
YE30P50X100FX	250 kcmil Flex CLASS G 259 CLASS H 427	—	—	250 kcmil	.50 [10]	2.37 [60]	3.75 [95]	1.00 [25]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8"	
YE31P51X102FX	262.6 kcmil Flex 250 Flex CLASS I, K, M	—	—	262.6 kcmil	.51 [13]	2.39 [61]	3.82 [97]	1.02 [26]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2"	
YE32P55X110FX	313.1 kcmil (775/24) (300 kcmil Nom)	—	—	300 kcmil	.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8"	
YE34P59X118FX	373.7 kcmil (925/24) (350 kcmil Nom)	—	—	350 kcmil	.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4"	
YE36P67X134FX	444.4 kcmil (1100/24) (450 kcmil Nom)	—	—	450 kcmil	.67 [17]	3.14 [80]	5.04 [128]	1.34 [34]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4"	
YE38P71X142FX	535.3 kcmil (1325/24) (500 kcmil Nom)	—	—	500 kcmil	.71 [18]	3.29 [84]	5.30 [135]	1.42 [36]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8"	
YE40P78X156FX	646 kcmil (1600/24) (600 kcmil Nom)	—	—	600 kcmil	.78 [20]	3.31 [84]	5.51 [140]	1.56 [40]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16"	
YE44P87X174FX	777.7 kcmil (1925/24) (750 kcmil Nom)	—	—	750 kcmil	.87 [22]	3.54 [90]	5.99 [152]	1.74 [44]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8"	
Code Conductor Only AWG																						
YE29P50X100	250 kcmil	250	—	250 kcmil	.50 [13]	1.99 [51]	3.33 [84]	1.00 [25]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"	
YE30P55X110	300 kcmil	300	—	300 kcmil	.55 [14]	2.37 [60]	3.85 [98]	1.10 [28]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8"	
YE31P59X118	350 kcmil	350	—	350 kcmil	.59 [15]	2.39 [61]	3.98 [101]	1.18 [30]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4"	
YE32P63X126	400 kcmil	400	—	400 kcmil	.63 [16]	2.53 [65]	4.24 [108]	1.26 [32]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4"	
YE34P71X142	500 kcmil	—	—	500 kcmil	.71 [18]	2.68 [68]	4.60 [117]	1.42 [36]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8"	
YE36P78X156	600 kcmil	—	—	600 kcmil	.78 [20]	3.14 [80]	5.25 [133]	1.56 [40]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16"	
YE39P87X174	750 kcmil	—	—	750 kcmil	.87 [22]	3.37 [86]	5.73 [145]	1.74 [44]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8"	

1 For sizes above 4/0 the MD6-6R2 must be used.

④ To use U Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Catalog Number	Accommodates Copper Wire Sizes				Pin Size	Dimensions					Color Code	Die Index	Installation Data										Cable Strip Length
	Flex Cable	Code AWG	Navy	Equiv- alent		A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]			Mech Tools (# of Crimps)				Hydraulic Tools (# of Crimps)						
													MY	Y2MR	MD7-34R	MD6/MD7	Y35/Y39	Y45	④ Y46	Y60BHU	Y644M (Accommodates Expanded Wire Range)		
YE20CP23X75FX	#2 Str. (125/24-150/24)	#2	60	#3	.23 [6]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W25CVT (2)	W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4"		
YE11CP26X75FX	#1 Str. (175/24-225/24)	#1	75	#2	.26 [7]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (2)	W1CVT (2)	U1CRT (2)	U1CRT (2)	U1CRT (2)	—	#1 - #6 AWG (1)	1-3/4"		
YE25P29X75FX	1/0 Str. (275/24)	1/0	100	#1	.29 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8"		
YE26P33X75FX	2/0 Str. (325/24)	2/0	125	1/0	.33 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8"		
YE27P37X75FX	3/0 Str. (450/24)	3/0	150	2/0	.37 [9]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27VT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16"		
YE28P41X75FX	4/0 Str. (550/24)	4/0	200	3/0	.41 [10]	1.99 [51]	3.18 [81]	.75 [21]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16"		
Flex Cable Only																							
YE30P46X92FX	250 kcmil Flex CLASS G 259 CLASS H 427	—	—	4/0	.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8"		
YE32P51X102FX	313.1 kcmil (775/24) (300 kcmil Nom)	—	—	250 kcmil	.51 [13]	2.53 [65]	4.00 [102]	1.02 [26]	.95 [24]	Red	18	—	—	W31VT (8)	—	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8"		
YE34P55X110FX	373.7 kcmil (925/24) (350 kcmil Nom)	—	—	300 kcmil	.55 [14]	2.68 [68]	4.28 [109]	1.10 [28]	1.06 [27]	Blue	19	—	—	W32VT (8)	—	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	(1)	2-3/4"		
YE36P59X118FX	444.4 kcmil (1100/24) (450 kcmil Nom)	—	—	350 kcmil	.59 [15]	3.14 [80]	4.88 [124]	1.18 [30]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4"		
YE38P67X134FX	535.3 kcmil (1325/24) (500 kcmil Nom)	—	—	450 kcmil	.67 [17]	3.29 [84]	5.22 [133]	1.34 [34]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8"		
YE40P71X142FX	646 kcmil (1600/24) (600 kcmil Nom)	—	—	500 kcmil	.71 [18]	3.31 [84]	5.27 [136]	1.42 [36]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16"		
YE44P78X156FX	777.7 kcmil (1925/24) (750 kcmil Nom)	—	—	600 kcmil	.78 [20]	3.54 [90]	5.81 [148]	1.56 [40]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8"		
Code Conductor Only AWG																							
YE29P46X92	250 kcmil	250	—	4/0	.46 [12]	2.37 [60]	3.25 [82]	.92 [23]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"		
YE30P50X100	300 kcmil	300	—	250 kcmil	.51 [13]	2.39 [61]	3.75 [95]	1.00 [25]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8"		
YE31P55X110	350 kcmil	350	—	300 kcmil	.55 [14]	2.53 [65]	3.90 [99]	1.10 [28]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4"		
YE32P59X118	400 kcmil	400	—	350 kcmil	.59 [15]	2.68 [68]	4.16 [106]	1.18 [30]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	450 kcmil - 4/0 AWG (1)	3-1/4"		
YE34P63X126	500 kcmil	—	—	400 kcmil	.63 [16]	3.14 [80]	4.44 [113]	1.26 [32]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8"		
YE36P71X142	600 kcmil	—	—	500 kcmil	.71 [18]	3.37 [86]	5.11 [130]	1.42 [36]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16"		
YE39P78X156	750 kcmil	—	—	600 kcmil	.78 [20]	3.37 [86]	5.55 [141]	1.56 [40]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8"		

1 For sizes above 4/0 the MD6-6R2 must be used.
 ④ To use U Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Adaptors

REDUCED PIN DIAMETER

C-112

Catalog Number	Accommodates Copper Wire Sizes			Pin Size	Dimensions					Installation Data												
	Flex Cable	Code AWG	Navy		Equiv- alent	A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	Color Code	Die Index	Mech Tools (# of Crimps)				Hydraulic Tools (# of Crimps)					Cable Strip Length
													MY	Y2MR	MD7-34R	MD6/ MD7	Y35/Y39	Y750	Y45	④ Y46	Y60BHU	
YEV4CP16X75FX	#4 Str. (91/24-105/24)	#4	40	#6	.16 [4]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32"	
YEV2CP20X75FX	#2 Str. (125/24-150/24)	#2	60	#4	.20 [5]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4"	
YEV1CP23X75FX	#1 Str. (175/24-225/24)	#1	75	#3	.23 [6]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4"	
YEV25P26X75FX	1/0 Str. (275/24)	1/0	100	#2	.26 [7]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8"	
YEV26P29X75FX	2/0 Str. (325/24)	2/0	125	#1	.29 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8"	
YEV27P33X75FX	3/0 Str. (450/24)	3/0	150	1/0	.33 [8]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16"	
YEV28P37X75FX	4/0 Str. (550/24)	4/0	200	2/0	.37 [9]	1.99 [51]	3.11 [81]	.75 [19]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16"	
Flex Cable Only																						
YE31P41X82FX	262.6 kcmil Flex 250 Flex CLASS I, K, M	—	3/0	—	.41 [10]	2.39 [61]	3.62 [92]	.82 [21]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2"	
YE34P51X102FX	373.7 kcmil (925/24) (350 kcmil Nom)	—	250	—	.51 [13]	2.68 [68]	4.20 [107]	1.02 [26]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4"	
YE38P59X118FX	535.3 kcmil (1325/24) (500 kcmil Nom)	—	350	—	.59 [15]	3.29 [84]	5.06 [129]	1.18 [30]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8"	
YE40P67X134FX	646 kcmil (1600/24) (600 kcmil Nom)	—	450	—	.67 [17]	3.31 [84]	5.29 [134]	1.34 [34]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16"	
Code Conductor Only AWG																						
YE29P31X109	250 kcmil	250	#1	.31 [51]	1.99 [79]	3.32 [92]	1.09 [28]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"		
YE29P41X82			3/0	.41 [10]	1.99 [51]	3.15 [80]	.82 [21]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"		
YE30P46X92	300 kcmil	300	4/0	.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8"		
YE31P50X100	350 kcmil	350	250	.51 [13]	2.39 [61]	3.80 [96]	1.00 [25]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4"		
YE32P55X110	400 kcmil	400	300	.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4"		
YE34P59X118	500 kcmil	—	350	.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8"		
YE36P63X126	600 kcmil	—	400	.63 [16]	3.14 [80]	4.95 [126]	1.26 [32]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16"		
YE39P71X142	750 kcmil	—	500	.71 [18]	3.37 [86]	5.41 [137]	1.42 [36]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8"		

1 For sizes above 4/0 the MD6-6R2 must be used.

④ To use U Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

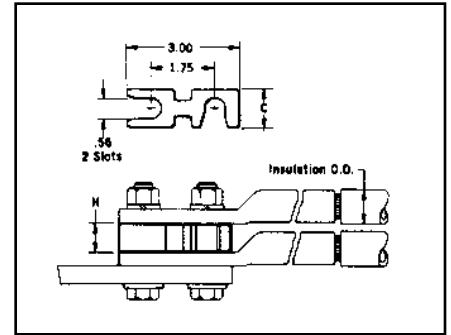
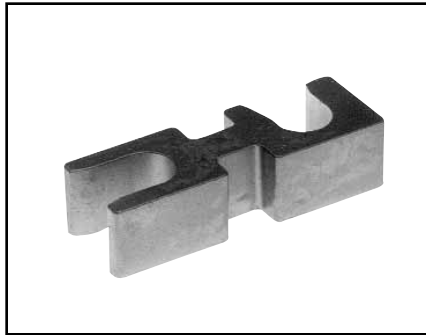
TYPE ASA-U

HYSTACK™

TERMINAL STACKING ADAPTOR FOR ALUMINUM AND COPPER TERMINALS

UL Listed 90° C, 600 Volts to 35 kV ◆

The Hystack™ adaptor is specially designed to allow standard terminals to be stacked on two or four hole NEMA transformer or equipment terminal pads. Hystack™ is tin-plated, high-conductivity aluminum to provide optimum corrosion resistance. Only three sizes accommodate terminals from 250 mcm through 1000 mcm to help keep costly inventories to a minimum.



Accommodates Copper and Aluminum Compression Terminals		Catalog Number	C	H
Conductor Max.	Insulation O.D.			
250 kcmil	.868	ASA250U	1.00	.77
800 kcmil	1.372	ASA800U	1.00	1.13
1000 kcmil	1.494	ASA1000U	1.25	1.25

To stack 4 hole NEMA drilled terminals use 2 adaptors assembled side by side.

ASA-U stacking adaptors are recommended for use with any BURNDY® UL Listed compression terminal, 2 or 4 hole NEMA pad aluminum and copper lugs, types YA, YA-L, YA-A, and for all 2-hole NEMA spaced lugs in the OVERHEAD and UNDERGROUND catalog sections.

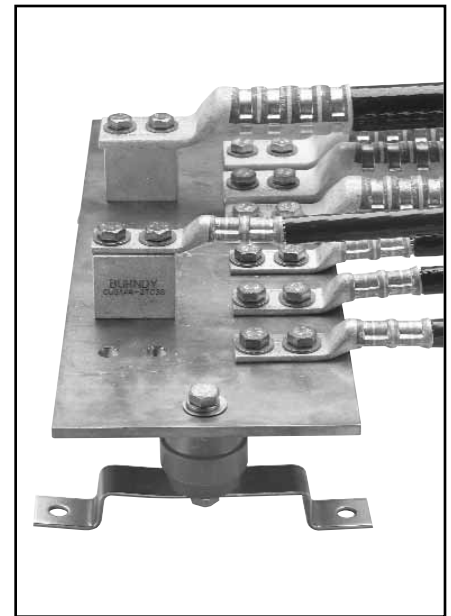
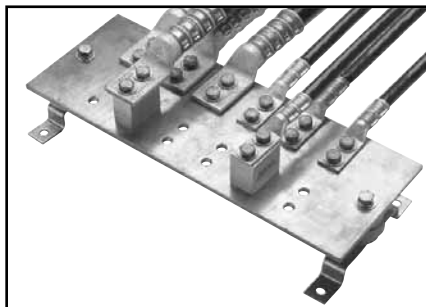
Note: All dimensions shown are for reference only.

TYPE CUSA

HYSTACK™

TERMINAL STACKING ADAPTOR

This Hystack™ adaptor is specially designed to get terminals to the back end of a bus bar or other areas that require terminals to be elevated off the mounting surface. This Hystack™ is made from high conductivity copper and tin-plated to provide optimum corrosion resistance. It will accommodate #10 AWG through 750 kcmil HYLUGS™.



Catalog Number	Stud Hole Size	Stud Hole Spacing	Length	Width	Height
CUSA442TC38	3/8"	1"	1.75"	1.12"	1.50"
CUSA442NTC	1/2"	1 - 3/4"	2.50"	1.12"	1.50"

Reference: Catalog Number TMH332.

This TMH332 Kit has just the right hardware when using the CUSA442TC38 Hystack™ on a 1/4 bus bar with a 4/0 through 750 kcmil HYLUG™.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 kV◆

Types AYP and AYPO aluminum compression adaptors are designed for reliable termination of aluminum and copper conductor in mechanical connectors. Typical applications include mechanical connectors in molded case circuit breakers, panel board equipment and meter sockets.



TYPE AYP



TYPE AYPO

For Copper HYPLUG™ go to page C-110

Features and Benefits

- All-aluminum electro-tin plated design.
 - ◇ Eliminates possible bi-metallic corrosion and provides the shortest connector length design possible.
- Shortest connector length design possible.
 - ◇ Permits easy installation in equipment with limited working space.
- Solid electro-tin plated aluminum plug.
 - ◇ Proper electrical connection made easily. Eliminates how tight is tight problem.
- Smooth surface on the solid EC aluminum electro-tin plated plug.
 - ◇ Provides greater area contact establishing excellent electrical conductivity.
- Solid plug has equivalent cross-sectional area as current carrying equivalent copper wire.
 - ◇ Permits use of larger aluminum wire to connect equipment.
- Offset plug design available in sizes 2/0 through 750 kcmil.
 - ◇ Provides flexibility and maximizes the use of limited space eliminating interference between conductors and equipment.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- Electro-tin plated.
 - ◇ Resists corrosion.
- Factory prefilled with the proper amount of PENETROX® joint compound.
 - ◇ PENTROX®, BURNDY's oxide inhibiting compound with conductive metallic particles penetrates aluminum oxide between strands and forms an air-tight connection.
- EPDM rubber covers are supplied with each connector and are rated for 600 V.
 - ◇ Eliminates taping.
- Only (5) die sets install the complete line from #6 to 750 kcmil.
 - ◇ Lowers inventory requirements and saves money.
- Supplied in a plastic convenience pack.
 - ◇ The cover and connector are kept together and free of foreign material until used.
- Connectors are clearly marked with catalog number, wire size, and color coded die index.
 - ◇ Provides clear, easy to use information to lower installed cost.

Blue highlighted items are industry standard and most frequently ordered.

TYPES AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C, 600 Volts to 35 kV◆



AL9CU

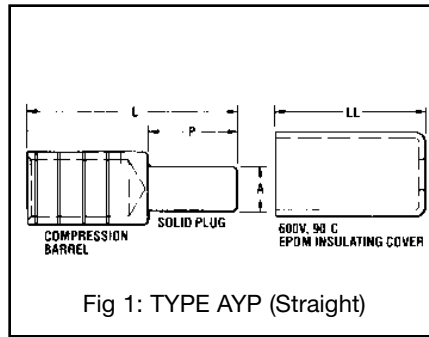


Fig 1: TYPE AYP (Straight)

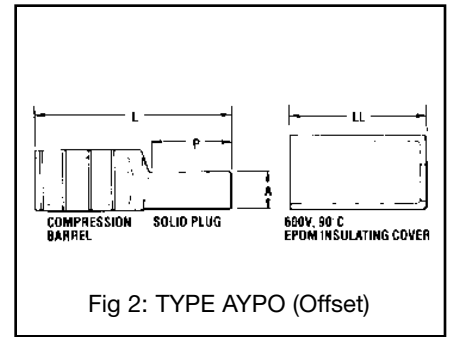


Fig 2: TYPE AYPO (Offset)

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Catalog Number	Copper & Aluminum Conductor	Fig. No.	Dimensions				Installation Tooling ▲						Wire Strip Length
			A ▼ Plug Dia.	P Plug Length	L HYPLUG Length	LL Cover Length	HYTOOLS			Y35, Y39, Y750, Y46*		▲ Die Index & Embossment	
							Dieless Tools (# of crimps)	+ OH25	+ MD6	Die Number (# of crimps)	Color Code		
AYP6	#6 str	1	.23	.68	1.85	1.78	MY29-3 (2) **	1 crimp	W241	U25ART (1)	Tan	296	1-1/16"
AYP4	#4 str	1	.23	.68	1.85	1.78	Y644HS (1)						
AYP2	#2 str	1	.23	.68	1.85	1.78	Y81KFT (1)						
AYP1	#1 str	1	.26	.84	2.01	1.78	Y81KFTMBH (1)						
AYP1/0	1/0 str	1	.29	.84	2.01	1.78	PAT81KFT-18V (1)						
AYPO2/0	2/0 str	2	.33	1.09	2.70	2.44	MY29-3 (2) **	—	—	U28ART (2)	White	298	1-1/8"
AYPO3/0	3/0 str	2	.37	1.22	2.80	2.44	Y644HS (1)						
AYPO4/0	4/0 str	2	.42	1.22	2.80	2.44	Y81KFT (2)						
AYP250	250 kcmil	1	.47	1.22	2.63	2.54	Y81KFTMBH (2)						
AYPO250	250 kcmil	2	.47	1.22	2.98	2.88	PAT81KFT-18V (2)						
AYPO300	300 kcmil	2	.53	1.34	3.08	2.88	Hydraulic: Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)						
AYP350	350 kcmil	1	.57	1.34	2.75	2.54							
AYPO350	350 kcmil	2	.57	1.34	3.08	2.88	U34ART (2)			Pink	300	1-1/8"	
AYPO400	400 kcmil	2	.63	1.60	3.43	3.16							
AYP500	500 kcmil	1	.68	1.60	3.08	2.81	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)						
AYPO500	500 kcmil	2	.68	1.60	3.43	3.16							
AYPO600	600 kcmil	2	.73	1.64	4.02	4.06	—	—	U39ART-2 (3)	Yellow	936	1-3/4"	
AYP750	700/750 kcmil 900 Compact AL†	1	.81	1.76	3.79	3.66							
AYPO750	700/750 kcmil 900 Compact AL†	2	.81	1.76	4.16	4.06							

Scratch brush aluminum conductor before installation.
 ▲ See tooling section of this catalog for complete tool and die listings.
 ** For MY29-3 use aluminum index plate at 1/0 setting for sizes #6 through 1/0 or at 4/0 setting for sizes 2/0 through 4/0.
 + Not UL Listed.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
 □ Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
 † Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 Note: All dimensions shown are for reference only.
 ▼ For copper equivalent wire size see page 0-11 (Aluminum 1350 Cable).

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following HYPLUG™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range- taking capabilities:

Aluminum Connectors					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2/0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

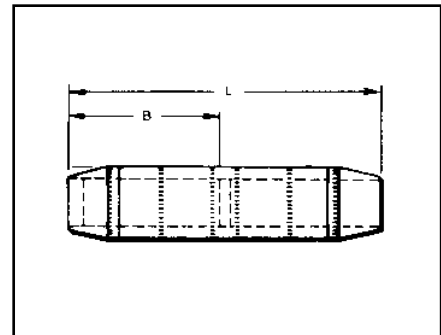
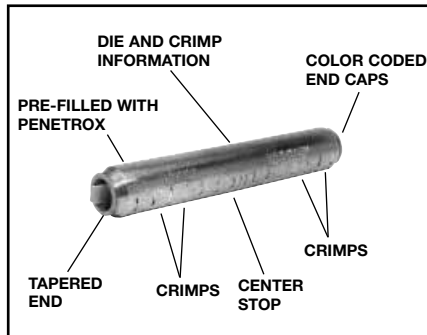
Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-AT

HIGH VOLTAGE UNINSULATED ALUMINUM COMPRESSION SPLICE

Type YS-AT is a high-conductivity aluminum electro-tin plated compression butt splice with tapered ends for high voltage applications up to 35 kV.

The YS-AT provides the same benefits as the YS-A with the addition of tapered ends for easy installation of high voltage insulating kits. Tapered ends aid in preventing corona emission and insulation breakdown. Recommended for high voltage splice applications.



Features and Benefits

- Tapered ends for applications through 35kV.
 - ◊ Permits easy taping and aids in preventing corona emission and insulation breakdown.
- Heavy wall aluminum tubing.
 - ◊ For use with combinations of AL-AL, AL-CU, CU-CU

Catalog Number	• † Code Conductor	Dimensions B L		Installation Tooling ▲				Wire Strip Length
				Y35, ■ Y39, Y750, Y46*				
				Die Number	(Crimps per End)	Color Code	Die Index & Embossment ▲	
YS2CAT	2 str.	1.58	4.00	U2CART	(2)	Pink	348	2-1/4"
YS25AT	1/0 str.	1.96	4.73	U25ART	(2)	Tan	296	2-5/8"
YS26AT	2/0 str.	1.83	4.29	U26ART	(3)	Olive	297	2-3/8"
YS27AT	3/0 str.	2.04	4.69	U27ART	(3)	Ruby	467	2-5/8"
YS28AT	4/0 str.	2.16	5.05	U28ART	(3)	White	298	2-3/4"
YS29AT	250 kcmil	2.29	5.37	U29ART	(3)	Red	324	2-7/8"
YS30AT	300 kcmil	2.54	5.91	U30ART	(3)	Blue	470	3-1/8"
YS31AT	350 kcmil	2.68	6.23	U31ART	(3)	Brown	299	3-3/8"
YS34AT	500 kcmil	3.39	7.79	U34ART	(6)	Pink	300	4-1/8"
YS39AT	700/750 kcmil • 900 Compact AL▼	3.69	8.57	P39ART**	(6)	Red	301	4-1/2"
YS44AT	1000 kcmil 900 Compact AL▼	3.77	9.69	P44ART**	(6)	Brown	302	4-3/4"

† Contact BURNDY® for conductor sizes not shown.

* Use PUADP-1 adapter for U dies.

** P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

■ The maximum size for the Y35 is 400 kcmil.

▲ See tooling section of this catalog for complete tool and die listings.

• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).

▼ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

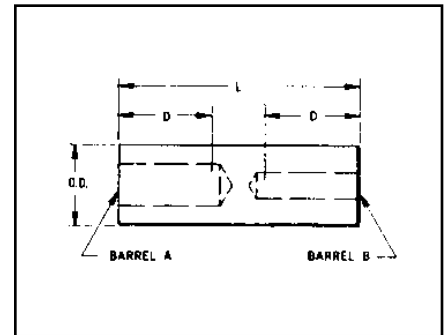
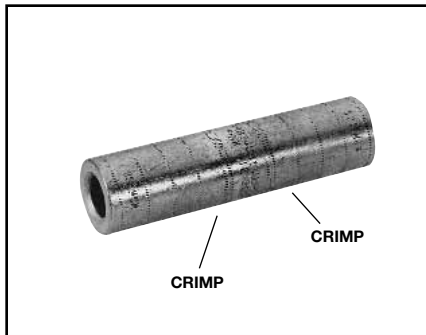
TYPE YRB

HYREDUCER™

**FOR ALUMINUM TO COPPER
 AND ALUMINUM TO
 ALUMINUM**

UL Listed 90° C,
 600 Volts to 35 kV◆

HYREDUCER™ type YRB reducer butt splice is designed to splice two different conductor sizes and is UL Listed for aluminum to copper and aluminum to aluminum applications. The outside diameter is held constant to minimize installation dies and is factory prefilled with PENETROX™.



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Features and Benefits

- Constant outside diameters. Electro tin-plated.
 - ◇ Minimizes installation dies and provides a smooth profile for easy taping. Provides durable long lasting corrosion resistance.
- Factory prefilled with BURNDY's PENETROX™ oxide inhibiting compound.
 - ◇ Contains Homogeneously suspended conductive metallic particles which penetrate oxides between conductor strands and forms an air tight connection.
- Solid center barrier.
 - ◇ Provides center stop for correct cable insertion and aids the thorough penetration of PENETROX™ oxide inhibiting compound between conductor strands.
- Connectors are clearly marked with catalog number, wire size, and color-coded die index.
 - ◇ Provides clear, easy to use information to lower installed costs.
- Each barrel end has a plastic end cap.
 - ◇ Keeps the connector barrels free of foreign materials.

Catalog Number	Conductor Range • Aluminum or Copper Size †		Dimensions			Installation Tooling ▲ Hydraulic Tools, Die Sets (No. of Crimps ‡)				Wire Strip Length
	Barrel A	Barrel B				Y35 ■, Y39, Y750 Y46*	‡	Die ▲ Index	Color Code	
			O.D.	B	L					
YRB2U4	1 str. 2 str.	4 str. 3 str.	.62	.88	2.00	U25ART	(1)	296	Tan	1-1/16"
YRB25U2	1/0 str.	1 str. 2 str.	.62	.88	2.00					
YRB27U25	3/0 str.	1/0 str.	.85	1.36	3.31	U28ART	(2)	298	White	1-5/8"
YRB27U26	3/0 str.	2/0 str.	.85	1.36	3.31					
YRB28U26	4/0 str.	2/0 str.	.85	1.36	3.31	U31ART	(2)	299	Brown	2-1/8"
YRB29U28	250 kcmil	4/0 str.	1.11	1.73	4.21					
YRB31U28	350 kcmil	4/0 str.	1.11	1.73	4.21	U34ART	(4)	300	Pink	2-5/8"
YRB31U29	350 kcmil	250 kcmil	1.11	1.73	4.21					
YRB34U31	500 kcmil	350 kcmil	1.31	2.11	5.12	U39ART-2	(4)	936	Yellow	2-7/8"
YRB36U31	600 kcmil	350 kcmil	1.46	2.25	5.57					
YRB36U34	600 kcmil	500 kcmil	1.46	2.25	5.57	U39ART-2	(4)	936	Yellow	2-7/8"
YRB39U34	700/750 kcmil • 900 Compact AL▼	500 kcmil	1.46	2.25	5.57					
YRB39U36	700/750 kcmil • 900 Compact AL▼	600 kcmil	1.46	2.25	5.57					

† Contact BURNDY® for conductor sizes not shown.

▲ See tooling section of this catalog for complete tool and die listings.

‡ Number of crimps.

* Use PUADP-1 adaptor with U dies shown in Y46 HYPRESS™.

■ The maximum size for the Y35 is 400 kcmil.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).

▼ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

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TYPES YFD, YFN, YFO AND YFR

H-CRIMPIT™

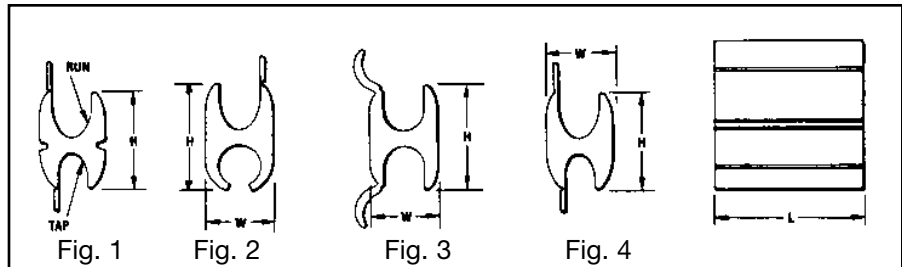
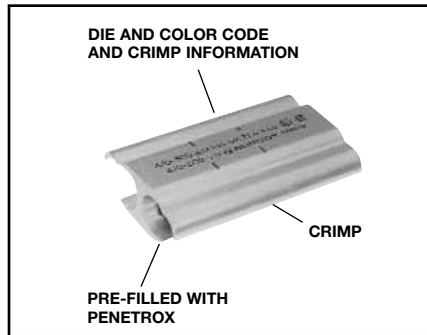
UNINSULATED ALUMINUM COMPRESSION TAP CONNECTOR

FOR ALUMINUM TO COPPER AND ALUMINUM TO ALUMINUM

UL Listed 90° C, 600 Volts to 35 kV◆

H-CRIMPIT™ compression tap connectors Types YFD, YFN, YFO and YFR are for use with aluminum to aluminum and aluminum to copper connections.

The H-CRIMPIT™ is ideal for making both parallel and tap compression connections in risers and gutters. It should only be installed with hydraulic tools.



Features and Benefits

- Each connector is factory sealed in polyethylene.
 - ◇ Maintains the connector free of dirt and foreign materials prior to being used.
- When installed the connector has a smooth profile.
 - ◇ Easy to tape or to install an insulating crimpit cover (See Types CFA and CFA-FR) thereby lowering installed costs.
- Connectors are marked with color-codes to match installation die.
 - ◇ Easy die selections lower installed cost.
- UL 486B Listed.
 - ◇ Provides a quality electrical connection.

Accommodates ②						Installation Tooling ▲												
Copper or Aluminum		Compact ④		Dia. Range		Cat. No.	Fig. No.	Height	Length	Width	▲ Die Index	Color Code	Hydraulic Tools, Die Sets (No. of Crimps)			Dieless Tools Die Adaptor, (No. of Crimps)		Wire Strip Length
Run	Tap	Run	Tap	Run	Tap								Y750, Y35, Y39	Y46 ③	()	Y644M, Y644MBH	()	
1/0-6 Str	1-6 Str	2/0-6	1-6 Str	.398-.162	.332-.162	YFO-140*	1	1.15 (29.2)	1.62 (41.1)	.70 (17.8)	0	Green	UVFO, U-0		(2)	PT30541	(1)	1-7/8"
4/0-1 Str	2/0-1 Str	250-1/0	3/0-1/0	.563-.338	.477-.338	YFD-365*	1	1.42 (36.1)	2.50 (63.5)	.89 (22.6)	D3	Blue	U-D3 U-YFD		(3)	PT30540	(2)	2-3/4"
500-4/0	500-4/0	500-250	500-250	.815-.522	.815-.522	YFN-540	3	1.82 (46.2)	4.50 (114.3)	1.23 (31.2)	N	Red	U-N U-YFN	P-N P-YFN	(3)	—	—	4-7/8"
900-600	600-350	900-700	600-400	1.108-.877	.893-.659	YFR-865	4	3.04 (77.2)	4.62 (117.3)	1.74 (44.2)	KR	—	—	P-KR P-YFR	(4)	—	—	5"

▲ See tooling section of this catalog for complete tool and die listings.
 † Do not use U-YFN die set with P-UADP-1 adapter in Y46 HYPRESS™. Use P-YFN only.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 * CSA listed.
Note: All dimensions shown are for reference only.

Notes:
 1. Material: Aluminum.
 ② For Conductor combinations of AL to AL or AL to CU.
 ③ Catalog Number PUADP-1-Adaptor is required to use U type dies in Y46 tools.
 ④ Other conductors not listed in table can be accommodated as long as the conductor diameter falls within diameter range specified.

Blue highlighted items are industry standard and most frequently ordered.

TYPES CFA AND CFA-FR

H-CRIMPIT™ INSULATING COVERS

H-CRIMPIT™ FLAME RETARDANT INSULATING COVERS

FOR O, D3, N, AND KR DIE SIZE H-TAP COMPRESSION CONNECTORS

UL Listed to 600 Volts

Type CFA insulating covers are made of high impact, high density polyethylene to insulate H-tap CRIMPIT™ compression connectors. Overlapping flash barriers protect both seams against possible electrical flashover. End fingers remain closed or wrap closely around conductors. Multiple latches lock cover closed securely.

Type CFA-FR flame retardant insulating covers are made of high impact, high density polypropylene with a minimum 28 oxygen index. This cover incorporates all the features of the CF design plus the benefit of self-extinguishing flame retardant properties. Material is UL 94V-O rated.

Both CFA and CFA-FR types are suitable for indoor and outdoor use. Pliable in cool weather application.



Features and Benefits

- One-piece design.
 - ◊ No extra parts or hardware required.
- Slips over connector and latches securely shut.
 - ◊ Fast, easy, reliable insulation of H-Tap compression connectors.
- Eliminates taping.
 - ◊ Economical, fast, easy installation.
- Flash barriers.
 - ◊ Protects against electrical flashover.
- CFA-FR flame retardant design.
 - ◊ Minimum 28 oxygen index. UL 94 V-O rated.
 - ◊ Self-extinguishing flame retardant properties.



600 VOLTS 90° C

Catalog Number	Max. Conductor Accommodated	Insulated H-Tap CRIMPIT™ Connectors	Max. Conductor Length	Connector Die Index	Connector Color Code
CFAO CFAO-FR	1/0	YF0140	2-1/2"	O	Green
CFAD CFAD-FR	4/0	YFD265, YFD365, YFD415	3-1/8"	D	Blue
CFAN CFAN-FR	500 kcmil	YFN515, YFN565	2-1/2"	N-Short Connector	Red
CFANL CFANL-FR	500 kcmil	YFN465, YFN540, YFN615	5-1/2"	N-Long Connector	Red
CFAR * CFAR-FR *	900 kcmil	YFR715, YFR765, YFR815, YFR865 YFR915	4-7/8"	KR	Yellow

* Two piece design packaged together.
 Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.