Deadend Fittings and Accessories
General Overview

The deadend method selected for any particular application will depend upon the nature of the application, the size of the conductor, holding strength required, and preference for mechanical or compression devices.

Secondaries are commonly deadended by bending wire around a spool insulator and snubbing with the same connectors used for the secondary to service drop connection. On copper conductor, connectors such as U-bolt deadend Type BC, SERVIT® Type KS, OKLIP™ connector Type KVS or CRIMPIT™ Type YC-C are recommended. These connectors provide high holding strength without damaging conductor strands. On aluminum wires, CLIPIT™ UW-R, mechanical connector is recommended.

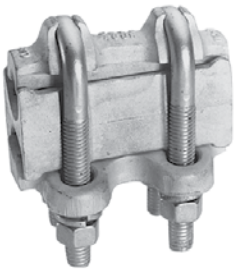
The same methods can also be used on primaries. However, the straight line clamp Type CUW-A-E is more popular for this application. They are easier to install on either hot or de-energized lines. They are particularly well suited to hot-line maintenance, and allow easy re-sagging of conductors.

Straight line types are also popular for deadending strain buses. These are normally large, hard to handle conductors that do not lend themselves to snub or "quadrant" types. Types DUW or CUW-E are recommended for copper conductor and DUW-A and DUW-AE for aluminum and ACSR. The pulling eye on the DUW-A-E is in line with the cable to make installation easier.

Heavy Duty Parallel Clamp Type UP-R
For AAC (Stranded, Compressed, Compact†), ACSR†, AAAC, Copper

Material: Aluminum

Heavy duty aluminum connector for feeder, subtransmission, and primary distribution. Massive design and large spacer give maximum protection against galvanic action and overload conditions. Spacing of U-bolts, tapered bell mouths, and modified V groove minimize cold flow, eliminate cable damage, and produce wiping action on conductors. Spacer taps confine cable strands to prevent splaying. Captured, heat treated aluminum alloy U-bolts. PENETROX™ joint compound recommended for all combinations.



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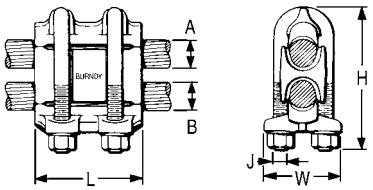
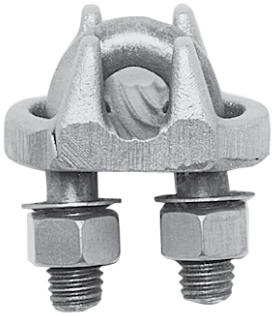


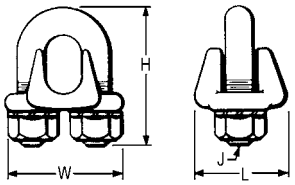
Catalog Number	Groove A		Groove B		Dimensions			
	ACSR †, 6201, 5005	Copper or Aluminum †	ACSR †, 6201, 5005	Copper or Aluminum †	H	J	L	W
UP34R	110.8 (12-7) - 397.5 (18-1)	3/0 Str. - 400	110.8 (12.7) - 397.5 (18-1)	3/0 Str. - 400	4-5/8	1/2-13	4	2-5/8
UP45R36R	336.4 (30-7) - 795 (30-19)	397.5 - 954	110.8 (12-7) - 447 (18-1)	3/0 Str. - 500	5-1/4	1/2-13	4	2-7/8
UP45R	336.4 (30-7) - 795 (30-19)	397.5 - 954	336.4 (30-7) - 795 (30-19)	397.5 - 954	6-1/4	5/8-11	4-1/2	3-1/4

† Accommodates compact and compressed conductors within diameter range.
To ensure proper tightening torque use BURNDY® BTW torque wrenches.

Deadend Clamp, Type BC

For Guy Wire





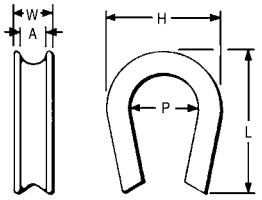
Material: Copper

Deadend clamp for Guy Wire, Type BC is supplied with DURIUM™ silicon bronze U-bolt, nuts, and washers. Saddle is made of high strength corrosion resistant copper alloy.

Catalog Number	Copper	Guy Wire	Dimensions			
			H	J	L	W
BC2C	2 Sol.	5/16	2	3/8	1-1/4	1-3/4
BC25	1/0 Str.	3/8			1-3/8	
BC28	2/0 Str. - 4/0 Str.	1/2	2-3/8	1/2	1-3/4	2-1/4

Deadend Thimble, Type M

For Copper, Guy Wire



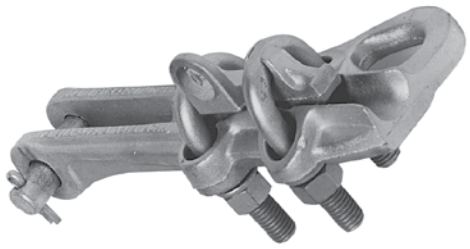
Material: Copper

High strength corrosion resistant copper alloy thimble groove to fit any size guy wire used for deadending. Generous radius prevents kinking or overstressing outer strands of wire.

Catalog Number	Groove Size A	Dimensions			
		H	L	P	W
M20	5/16	1-5/8	1-7/8	7/8	5/8
M30	3/8	1-7/8	2-1/8	1	
M40	7/16	1-3/4	2-5/8	1-1/8	
M50	1/2	1-7/8	2-1/4		
M60	5/8	2-1/4	2-5/8	1-3/8	7/8
M70	3/4	2-5/8	3-1/4	1-1/2	1
M80	7/8	3	3-3/8	1-3/4	1-1/4
M90	1	3-3/8	3-3/4	2	1-3/8

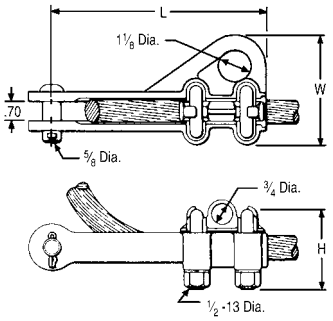
Deadend Clamp, Type CUW-E

For Copper



Material: Copper

High strength, two-bolt, cast copper alloy strain clamp with single saddle designed for short span distribution and strain bus application. Galvanized steel clevis pin, and U-bolts.



Catalog Number	Conductor Range	Dimensions		
		H	L	W
CUW34E	4/0 Str. - 500	3	7-3/8	4
CUW44E	500 - 1000	3-3/8	8-3/4	4-1/2

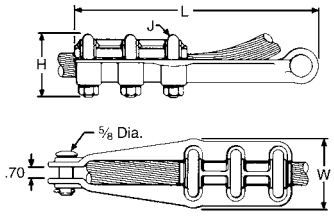
To ensure proper tightening torque use BURNDY® BTW torque wrenches.

Deadend Clamp, Type DUW

For Copper

Material: Copper

High strength, corrosion resistant copper alloy strain clamp with three DURIUM™ silicon bronze U-bolts and single serrated saddle. Galvanized steel clevis pin.



Catalog Number	Conductor	Dimensions			
		H	J	L	W
DUW28	1 Str. - 4/0 Str.	2-1/2	3/8	9-7/8	2-1/4
DUW31	4/0 Str. - 350	2			2-3/8
DUW34	350-500	2-5/8	1/2		2-3/4
DUW44	500-1000	2-7/8		11-3/8	3-1/4

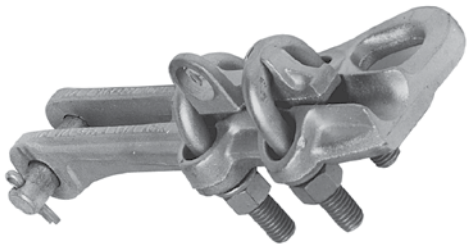
To ensure proper tightening torque use BURNDY® BTW torque wrenches.

Deadend Clamp, Types CUW-A-E, CUW-R-E

For AAC (Stranded, Compressed†), ACSR†, AAAC

Material: Aluminum

High strength, aluminum clamp for deadending primary distribution lines. Straight-line design with hot stick lifting-eye, pulling-eye, and captured, angled U-bolts, facilitates installation and maintenance, especially on hot-line work. Snub-pocket V-shaped, range-taking conductor groove, and galvanized steel U-bolts provide high holding strength.



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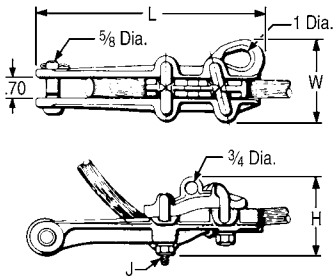


Catalog Number	Aluminum †	ACSR †, 6201, 5005	Dimensions			
			H	J	L	W
CUW26RE1	2 Str. - 2/0 (19)	4 - 2/0	3	3/8-16	8	3
CUW30AE	1/0 (7) - 300	1/0 - 266.8 (18-1)	3-5/8	1/2-13	10	3-1/2
CUW32RE	3/0 (7) - 350	3/0 - 336.4 (26-7)	4	1/2-13	10	3-5/8
CUW361RE	4/0 - 500	4/0 - 477 (18-1)	4-1/8	1/2-13	11	3-5/8
CUW391AE	336.4 - 795	300 (26-7) 636 (26-7)	4-7/8	1/2-13	11	4-1/8

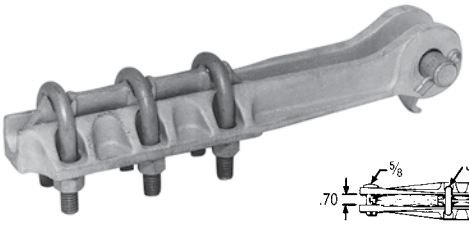
† Accommodates compressed conductors within diameter range.
To ensure proper tightening torque use BURNDY® BTW torque wrenches.

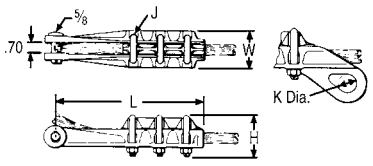
Deadend Clamp, Types DUW-A, DUW-A-E

For AAC (Stranded, Compressed†), ACSR†, AAAC

Material: Aluminum

High strength cast aluminum alloy clamp recommended for strain bus applications. Three galvanized steel U-bolts, single saddle, and headed clevis pin provide high holding strength. Type DUW-A-E has a pulling-eye in line with conductor for easier installation.





Catalog Number		Conductor		Dimensions				
Without Pulling Eye	With Pulling Eye	Aluminum †	ACSR †, 6201, 5005	H	J	K	L	W
DUW28A	—	1 - 4/0	2 (7-1) - 4/0	2	3/8	0.88	9-1/2	2-1/4
DUW44A	DUW44AE	500-1000	397.5 (30.7) - 900 (54-7)	3-3/8	1/2	1.25	11-1/4	3-5/8

† Accommodates compressed conductors within diameter range.
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