

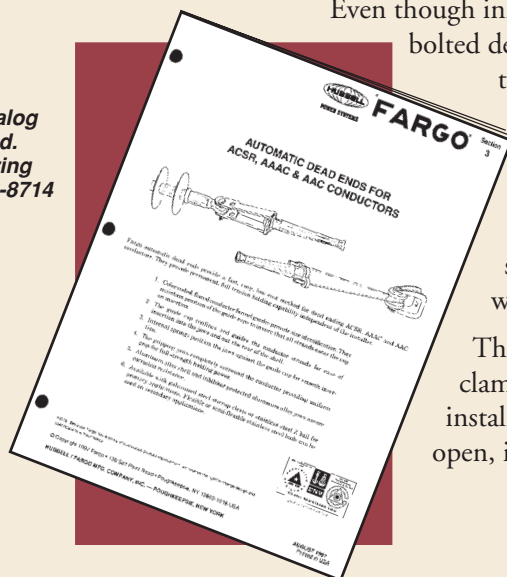
HOW TO CUT *Fargo has the answer* DEADEND COSTS

Here's a way to cut your deadend costs with our alternative to bolted deadend clamps. Fargo GDW wedge-type deadends are used for terminating overhead conductors. The spring-loaded jaws of these clamps firmly grasp conductors from #4AWG through 556.5 kcmil and 795 kcmil. Even though initial costs are higher than traditional bolted deadends, the savings are quickly obtained through the speed and ease of installation of the Fargo clamps.

In 1995 a major utility did a study of the wedge-type deadend compared to bolted deadends. The utility calculated savings at \$36,626 using the Fargo wedge-type units (see next page).

The secret is that the Fargo wedge-type clamp has no bolts to contend with. The installer simply locks the jaws of the deadend open, inserts the conductor between the jaws

New Fargo Deadend Catalog Section 3 recently revised. Contains complete ordering information. Fax 573-682-8714 for your copy.



FARGO

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and then taps the back of the jaws to lock the conductor in place. No hassle. Quick. Secure. In a few seconds the installation is complete. There's no struggle with bolts and gloves.

During installation, the jaws lock in the open position. Once contact between clamp and conductor is realized, the applied spring tension holds the conductor securely. Tightening errors are eliminated. The automatic clamping creates a permanent installation. The wedge action develops the full tension of the conductor. The quality of the installation is not dependent on the installer.

There's no feeding of conductor through the deadend. The side opening of the Fargo deadend allows for speed and convenience. Installers find the wedge deadend particularly easy because the deadend faces the installer. There's no need for clumsy or special tools. No special skills. Adjustability is easy. ■

Application Table

Conductor Size	Fargo Catalog No.
No. 4 thru 1/0 ACSR	GDW-010A
No. 4 thru 4/0 ACSR	GDW-040A
4/0 thru 556.5 ACSR	GDW-556A
4/0 thru 795 ACSR	GDW-795A

Table I
Cost Analysis
Bolted Deadend Clamp analysis
based on bolted deadend usage in 1995

Conductor Size	Unit Cost	*Installation Time	Installation Cost	Total Cost Per Deadend	1995 Usage	1995 Cost
No. 2 ACSR	\$ 4.32	**15 min.	\$14.25	\$18.57	6603	\$122,617.71
3/0 ACSR	\$ 6.33	**15 min.	\$14.25	\$20.58	662	\$ 13,623.96
336.4 ACSR	\$ 6.98	20 min.	\$19.00	\$25.98		
350 AL	\$ 6.98	20 min.	\$19.00	\$25.98	2570	\$ 66,768.60
500 AL	\$ 6.98	20 min.	\$19.00	\$25.98		
556.5 ACSR	\$13.97	20 min.	\$19.00	\$32.97	660	\$ 21,760.20
795 AL	\$13.97	20 min.	\$19.00	\$32.97	48	\$ 1,582.56
Total Cost Per Year — \$226,353.03						

* A composite labor rate of \$57.00 was used for the analysis.
 ** The installation time associated with No. 2 ACSR and 3/0 ACSR is slightly less because these two clamps do not have to be taken apart to insert the conductor.

Table II
Cost Analysis
Fargo Deadend Clamp analysis
based on usage of bolted deadend in 1995

Conductor Size	Unit Cost	*Installation Time	Installation Cost	Total Cost Per Deadend	Estimated Yearly Usage	Estimated Yearly Cost
No. 2 & 3/0 ACSR	\$12.00	3 min.	\$2.85	\$14.85	7265	\$107,885.25
336.4 ACSR						
350 A	\$22.00	3 min.	\$2.85	\$24.85	3230	\$ 80,265.50
500 A						
556.5 ACSR						
795 A	\$30.00	3 min.	\$2.85	\$32.85	48	\$ 1,576.80
Total Cost Per Year — \$189,727.55						

* A composite labor rate of \$57.00 was used for the analysis.

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.