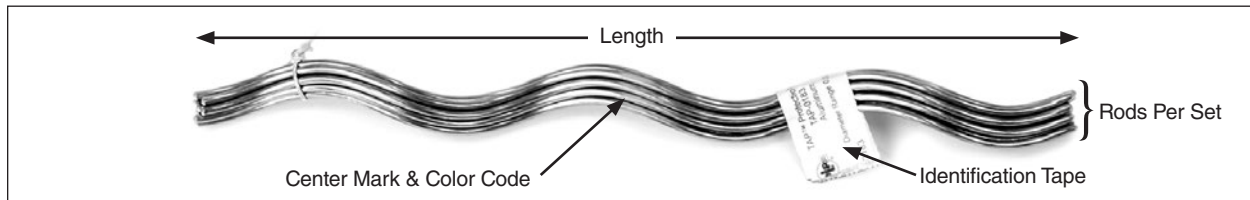




# TAP™ Protector Rods

## NOMENCLATURE



**Rod Diameter:** Added to conductor O.D., assists in arriving at applied overall diameter.

**Rods Per Set:** Indicates the proper number of rods for each application.

**Center Mark:** Establishes recommended alignment of rods during application.

**Color Code and Length:** Assists in identification of conductor size, corresponding to tabular information appearing on catalog page.

**Identification Tape:** Shows catalog number, nominal sizes. \*This information may also be printed on the rods.

## GENERAL RECOMMENDATIONS

**Protection.** PREFORMED™ TAP™ Protector Rods are intended to protect the conductor from potential damage due to bolted or compression type hot line clamp and stirrup installation. TAP Protector Rods provide reinforcement to the conductor, designed to reduce the possibility of conductor damage due to bending stress, clamping stress, or abrasion.

**TAPPING.** TAP Protector Rods are designed to protect conductors from wear and flash-over damage under hot line taps.

**NOTE: Follow these application steps to produce the optimum electrical connection:**

1. Thoroughly wire brush the conductor for the full length of the TAP Protector Rod length.
2. Apply a gritted inhibitor to the full length of this area before applying the TAP Protector Rods.

**APPLICATION-INSPECTION.** After application of the correct number of rods per set, a slight gap between rods and stirrup should be present. Consult the General Information Section for detailed explanation. Apply no more than one-half the number of rods per set at a time on smaller sizes. On conductors 4/0 and larger, do not attempt to apply more than 3 rods at a time. The alignment of the ends of the rods should be maintained within 2 inches.

## O.D. CALCULATIONS

See Line Guard Section 12, Page 7 for calculation instructions.

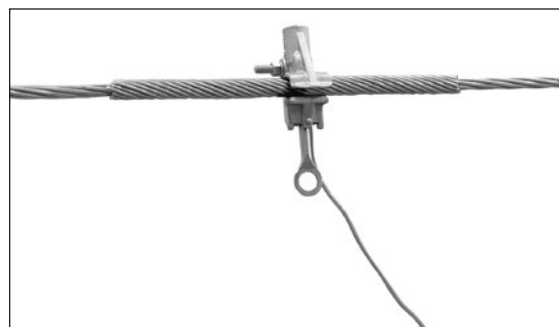
## SAFETY CONSIDERATIONS

1. This product is intended for a single (one-time) use and for the specified application. CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.
2. This product is intended for use by trained craftspeople only. This product SHOULD NOT BE USED by anyone who is not familiar with and trained in the use of it.
3. When working in the area of energized lines with this product, EXTRA CARE should be taken to prevent accidental electrical contact.
4. For PROPER PERFORMANCE AND PERSONAL SAFETY be sure to select the proper size PREFORMED™ Line Guard before application.
5. PREFORMED Line Guards are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.

# TAP™ Protector Rods

**For use on:**

**ACSR, Compacted ACSR,  
Aluminum Alloy  
All-Aluminum, AWAC®  
Compacted All-Aluminum, ACAR**



Catalog Number	Conductor Range (inches)		Nominal Conductor Size	Overall Diameter (Applied)*		Applied Length (inches)	Rods per Set	Units	Wt./ Lbs.	Color Code
	Min.	Max.		Min.	Max.			Per Carton		
TAP-0175	0.244	0.259	#4 ACSR, AAC, AAAC	0.486	0.501	10	8	100	9	Orange
TAP-0179	0.309	0.326	#2 ACSR, AAC, AAAC	0.551	0.568	10	9	100	12	Red
TAP-0183	0.390	0.413	1/0 ACSR, AAC, AAAC	0.632	0.655	12	11	100	16	Yellow
TAP-0185	0.437	0.463	2/0 ACSR, AAC, AAAC	0.679	0.705	13	13	50	13	Blue
TAP-0187	0.491	0.521	3/0 ACSR, AAC, AAAC	0.733	0.763	14	13	50	17	Orange
TAP-0189	0.552	0.585	4/0 ACSR, AAC, AAAC	0.764	0.827	15	13	50	33	Red
TAP-0191	0.607	0.630	266.8 ACSR, AAC, AAAC	0.849	0.872	16	14	100	22	White
TAP-0192	0.632	0.655	266.8 ACSR, AAC, AAAC	0.874	0.897	16	15	50	24	Yellow
TAP-0194	0.680	0.703	336.4 ACSR, AAC, AAAC	0.922	0.945	17	16	50	27	Blue
TAP-0195	0.704	0.740	336.4 ACSR, AAC, AAAC	0.946	0.982	18	16	50	28	Green
TAP-0197	0.793	0.84	477 ACSR, AAC, AAAC	1.035	1.082	20	18	50	34	Purple
TAP-0198	0.841	0.898	477 ACSR, AAC, AAAC	1.800	1.140	21	19	25	17.5	Blue

TAP Protector Rods are specified on page bv-1 of the RUS List of Materials acceptable for use.