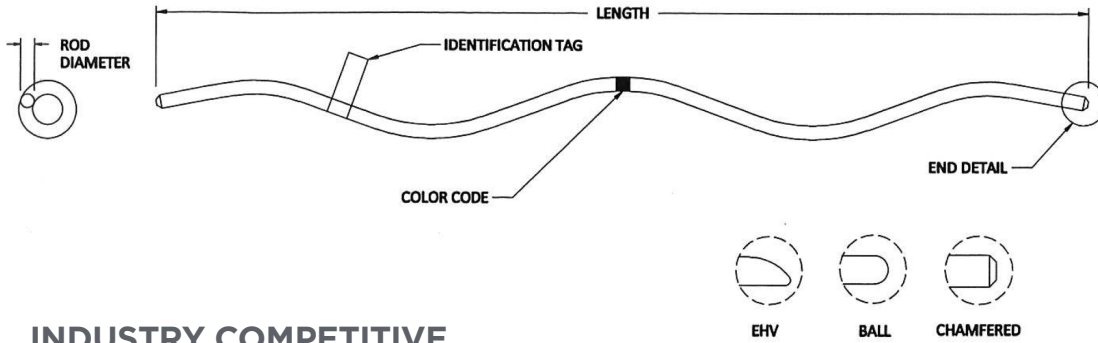


# ARMOR RODS



## INDUSTRY COMPETITIVE

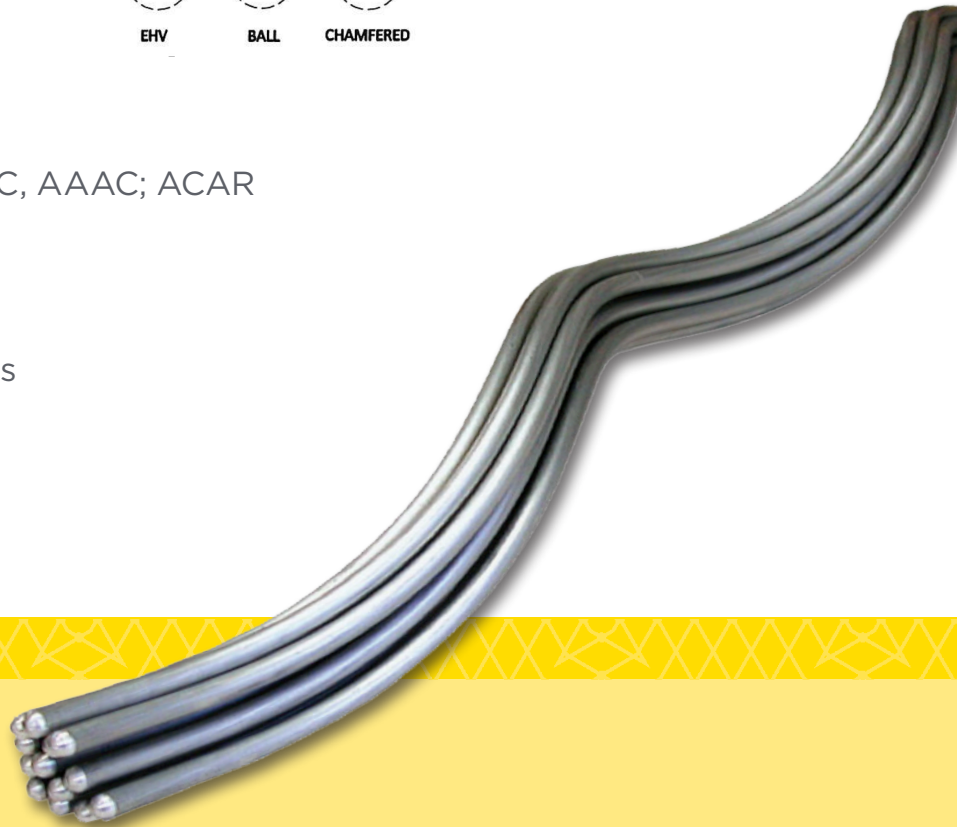
- Price, quality & lead time
- Look, feel, & function
- ACSR/ACSS; ACSR/ACSS TW; AAC, AAAC; ACAR

## PRODUCTION

- EHV rated, made to order
- Inventory available for popular sizes
- Sample orders welcomed

## PRODUCT SPECS

Aluminum Alloy  
 Right Hand Lay  
 Ball Ends > 0.250"  
 Chamfered Ends <= 0.250"  
 Add "E" Suffix for EHV Rod End  
 Add "D" Prefix for Double Supported Length  
 (For rod diameters < 0.25" only)



**ARMOR RODS ALUMINUM**

Conductor DIA. IN (MM)		Nominal Conductor Size (AWG or kCMIL)				HPS	Competitive Crossing		
Min	Max	ACSR/ACSS	ACSR/ACSS TW	AAC,AAAC	ACAR				
0.309 (7.8)	0.326 (8.3)	#2 6/1				*AP8114	AR0114	AAR0785	AAR518
0.327 (8.3)	0.345 (8.8)			#1		AP8115	AR0115	AAR0830	AAR519
0.347 (8.8)	0.366 (9.3)	#1 6/1				AP8116	AR0116	AAR0880	AAR520
0.367 (9.3)	0.389 (9.9)			1/0		*AP8117	AR0117	AAR0930	AAR521
0.390 (9.9)	0.413 (10.5)	1/0 6/1				AP8118	AR0118	AAR0990	AAR522
0.414 (10.5)	0.436 (11.1)			2/0		AP8119	AR0119	AAR1050	AAR523
0.437 (11.1)	0.463 (11.8)	2/0 6/1				AP8120	AR0120	AAR1110	AAR524
0.464 (11.8)	0.490 (12.4)			3/0		AP8121	AR0121	AAR1180	AAR525
0.491 (12.5)	0.521 (13.2)	3/0 6/1				*AP8122	AR0122	AAR1245	AAR526
0.522 (13.3)	0.551 (14.0)			4/0		AP8123	AR0123	AAR1325	AAR527
0.552 (14.0)	0.585 (14.9)	4/0 6/1		250		*AP8124	AR0124	AAR1400	AAR528
0.680 (17.3)	0.703 (17.9)	303 5/7	336.4 T23			*AP8129	AR0129	AAR1725	AAR533
0.704 (17.9)	0.740 (18.8)	336.4 26/7	397.5 T16	397.5		AP8130	AR0130	AAR1790	AAR534
0.741 (18.8)	0.782 (19.9)	397.5 18/1	477 T13			AP8131	AR0131	AAR1880	AAR535
0.783 (19.9)	0.814 (20.7)	397.5 26/7	477 T16	477, 500	503.6	*AP8132	AR0132	AAR1990	AAR536
0.815 (20.7)	0.845 (21.5)		477 T23 556.5 T13			AP8133	AR0133	AAR2070	AAR537
0.846 (21.5)	0.907 (23.0)	480 5/7	556.5 T16 636 T13	556.5	545	*AP8134	AR0134	AAR2150	AAR538
0.908 (23.1)	0.929 (23.6)	556.5 26/7	636 T16 664.8 T16	636	653.1	*AP8135	AR0135	AAR2305	AAR539
0.930 (23.6)	0.976 (24.8)	556.5 30/7 605 26/7		715.5		AP8136	AR0136	AAR2360	AAR540
0.977 (24.8)	1.016 (25.8)	636 24/7 26/7 666 24/7 26/7	762.8 T16 795 T13, T16	750	739.8	*AP8137 AP8137E	AR0137 AR0500	AAR2480 AAR2480E	AAR541 -
1.017 (25.8)	1.035 (26.3)	636 30/19		795		AP8138 AP8138E	AR0138 AR0501	AAR2585 AAR2585E	AAR542 -
1.036 (26.3)	1.064 (27.0)	715.5 26/7 795 45/7	964 T7		853.7	*AP8139 AP8139E	AR0139 AR0502	AAR2630 AAR2630E	AAR543 -
1.065 (27.1)	1.098 (27.9)	795 54/7	964 T13			AP8140 AP8140E	AR0140 AR0503	AAR2705 AAR2705E	AAR544 -
1.099 (27.9)	1.139 (28.9)	795 26/7	959.6 T16 1033.5 T13	954	927.2	*AP8141 *AP8141E	AR0141 AR0504	AAR2790 AAR2790E	AAR545 -
1.140 (29.0)	1.161 (29.5)	954 36/1	1113 T7	1000		AP8142 AP8142E	AR0142 AR0505	AAR2895 AAR2895E	AAR546 -
1.162 (29.5)	1.208 (30.7)	954 45/7 54/7	1158.4 T7, T13 113 T13		1024.5 1080.6	AP8143 *AP8143E	AR0143 AR0506	AAR2950 AAR2950E	AAR547 -
1.209 (30.7)	1.269 (32.2)	1033.5 45/7 54/7 1113 45/7	1192.5 T13 1272 T7, T13 1233.6 T13 1351 T7	1113	1109 1198	*AP8144 AP8144E	AR0144 AR0507	AAR3070 AAR3070E	AAR548 -
1.270 (32.3)	1.327 (33.7)	1113 54/19 1192.5 45/7	1351.5 T13 1431 T7	1272	1277	AP8145 AP8145E	AR0145 AR0508	AAR3225 AAR3225E	AAR549 -
1.328 (33.7)	1.390 (35.3)	1192.5 54/19 1272 45/7 54/19 1351.5 45/7	1433.6 T13 1590 T7	1351.5 1431	1361.5	*AP8146 AP8146E	AR0146 AR0509	AAR3375 AAR3375E	AAR550 -
1.391 (35.3)	1.440 (36.6)	1351.5 54/19 1431 45/7	1590 T13 1622 T13		1534.4	AP8147 AP8147E	AR0147 AR0510	AAR3535 AAR3535E	AAR551 -
1.441 (36.6)	1.508 (38.3)	1431 54/19 1590 45/7	1730.6 T13 1949.6 T7	1590	1703	AP8163 AP8163E	AR0163 AR0511	AAR3660 AAR3660E	AAR552 -
1.509 (38.3)	1.578 (40.1)	1590 54/19	1926.9 T13	1750	1798	*AP8164 AP8164E	AR0164 AR0512	AAR3835 AAR3835E	AAR553 -
1.579 (40.1)	1.651 (41.9)	1780 84/19	2156 T8	2000	1933	AP8165 AP8165E	AR0165 AR0513	AAR4010 AAR4010E	AAR554 -
1.652 (42.0)	1.728 (43.9)	2034.5 72/7				AP8166 AP8166E	AR0166 AR0514	AAR4195 AAR4195E	AAR555 -
1.729 (43.9)	1.809 (45.9)	2167.0 72/7 2156 84/19	2627.3 T8	2300	2338	AP8167 AP8167E	AR0167 AR0516	AAR4390 AAR4290E	AAR556 -
1.810 (46.0)	1.898 (48.2)	2515 76/19		2500	2493	AP8168 AP8168E	AR0168 AR0517	AAR4595 AAR4595E	AAR557 -

\*Samples Available Now Please contact HPS for lead time for all initial orders

