



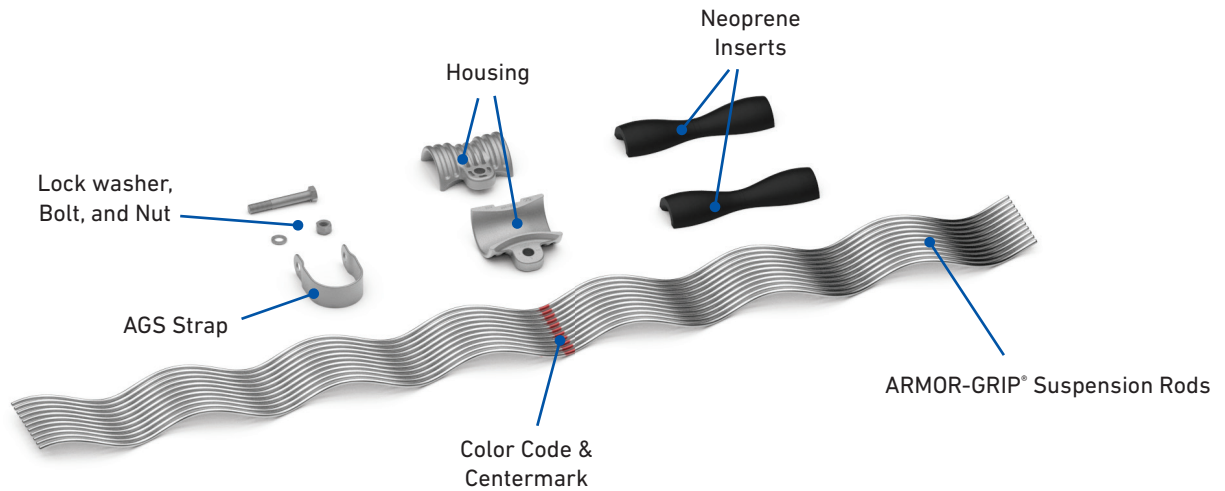
ARMOR-GRIP® SUSPENSION

The **ARMOR-GRIP Suspension (AGS)** is intended for use on aluminum conductors. It offers maximum protection against static and dynamic bending stresses at the cable suspension point.

FEATURES AND BENEFITS

- Reduces negative effects of wind-induced cable motion, such as aeolian vibration, sub-span oscillation and galloping
- Cushioned insert surrounds the conductor to provide superior protection against wind- and ice-induced dynamic forces
- Aluminum alloy reinforcement is molded into each insert half to provide increased stiffness
- Housing halves are captured by an aluminum strap to create minimal compressive load on the conductor
- Compatible with standard PLP attachment hardware
- PARROT-BILL® rod ends can be supplied for EHV applications (345 kV+)
- Standard version is designed for up to 200°C continuous operation
- High-Temperature version available for 250°C continuous operation

COMPONENTS



ARMOR-GRIP® Suspension

Characteristic	Specification
Unbalanced/Slip Load	20% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ranges)
Maximum Line Angle	30° for single suspension, 60° for double suspension

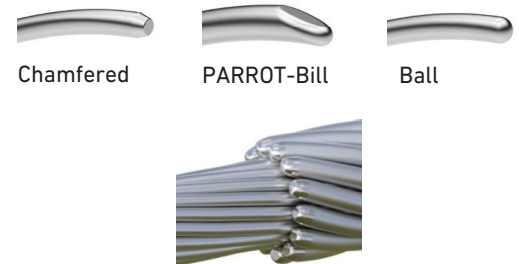
DESIGN INFORMATION

PARROT-BILL® Ends

To meet the corona onset and RIV requirements for most extra high-voltage applications (345 kV and higher applications), PARROT-BILL Ends are to be used instead of the standard ball-end rods. Consult PLP for questions on EHV applications.

Rod End Treatment

Application-specific rod end options help maximize durability and strength



O.D. CALCULATIONS

Applied overall diameter can be computed by summing the conductor outer diameter with two times the rod diameter. The rod diameter can be obtained from the catalog page tables. Conductor/Strand O.D. can be found in the Conductor Chart, General Information section.

Rod Diameter x 2 + Conductor Diameter = Total Applied O.D.

Example: $0.167" \times 2 + 0.398" = 0.732"$

Thermal Rating (Continuous) within a high-temperature Suspension Clamp: 250°C



ORDERING INFORMATION

- Select the appropriate catalog number for the ARMOR-GRIP® Suspension from the table below based on the diameter of the conductor
- For Double ARMOR-GRIP Suspension applications, order the double suspension, a yoke plate, a hardware fitting to connect the yoke plate to the structure, and two identical hardware fittings to connect the suspensions to the yoke plate (**EXAMPLE: YP-5910, AGS-5831YC, and SC-50**)

ARMOR-GRIP Suspension Catalog Number

AGS- X X X
(Section 1) (Section 2) (Section 3)

Catalog Number Example: AGS-5130HT

Includes (1) ARMOR-GRIP Suspension with High-Temperature solutions.

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5156	0.304 - 0.315	7.72 - 8.00	0.102 (2.6)	26 (660.4)	10	Brown
5157	0.316 - 0.327	8.01 - 8.30	0.102 (2.6)	26 (660.4)	11	Red
5158	0.328 - 0.342	8.31 - 8.68	0.102 (2.6)	26 (660.4)	11	Orange
5159	0.343 - 0.355	8.69 - 9.01	0.102 (2.6)	26 (660.4)	11	Black
5160	0.356 - 0.374	9.02 - 9.49	0.102 (2.6)	26 (66.4)	12	Green
5161	0.375 - 0.389	9.50 - 9.88	0.102 (2.6)	26 (660.4)	12	Purple
5162	0.390 - 0.404	9.89 - 10.26	0.128 (3.2)	36 (914.4)	11	Yellow
5163	0.405 - 0.418	10.27 - 10.62	0.128 (3.2)	36 (914.4)	11	Brown
5164	0.419 - 0.434	10.63 - 11.02	0.128 (3.2)	36 (914.4)	11	Green
5165	0.435 - 0.450	11.03 - 11.43	0.128 (3.2)	36 (914.4)	11	Blue
5166	0.451 - 0.470	11.44 - 11.93	0.128 (3.2)	36 (914.4)	12	White

Section 2

Suffix Code	Type
Leave Blank	Standard
HT	High-Tempertaure

Section 3

Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5167	0.471 - 0.481	11.94 - 12.22	0.128 (3.2)	36 (914.4)	12	Green
5155	0.482 - 0.499	12.23 - 12.67	0.167 (4.2)	40 (1016.0)	10	Red
5100	0.500 - 0.512	12.68 - 13.00	0.167 (4.2)	40 (1016.0)	10	Blue
5101	0.513 - 0.530	13.01 - 13.46	0.167 (4.2)	41 (1041.4)	11	Green
5102	0.531 - 0.542	13.47 - 13.77	0.167 (4.2)	41 (1041.4)	11	Yellow
5103	0.543 - 0.555	13.78 - 14.10	0.182 (4.6)	44 (1117.6)	10	Black
5104	0.556 - 0.573	14.11 - 14.55	0.182 (4.6)	44 (1117.6)	11	White
5105	0.574 - 0.594	14.56 - 15.10	0.182 (4.6)	45 (1143.0)	11	Brown
5106	0.595 - 0.606	15.11 - 15.39	0.182 (4.6)	46 (1168.4)	11	Orange
5107	0.607 - 0.619	15.40 - 15.73	0.182 (4.6)	46 (1168.4)	11	Purple
5108	0.620 - 0.645	15.74 - 16.38	0.182 (4.6)	50 (1270.0)	12	Red
5109	0.646 - 0.673	16.39 - 17.10	0.204 (5.2)	54 (1371.6)	11	Blue
5110	0.674 - 0.690	17.11 - 17.53	0.204 (5.2)	54 (1371.6)	11	Green
5111	0.691 - 0.710	17.54 - 18.03	0.204 (5.2)	54 (1371.6)	12	Yellow
5112	0.711 - 0.731	18.04 - 18.57	0.204 (5.2)	55 (1397.0)	12	Black
5113	0.732 - 0.750	18.58 - 19.05	0.204 (5.2)	56 (1422.4)	12	White
5114	0.751 - 0.768	19.06 - 19.50	0.250 (6.3)	60 (1524.0)	10	Brown
5115	0.769 - 0.795	19.51 - 20.19	0.250 (6.3)	60 (1524.0)	11	Orange
5116	0.796 - 0.824	20.20 - 20.93	0.250 (6.3)	61 (1549.4)	11	Purple
5117	0.825 - 0.845	20.94 - 21.47	0.250 (6.3)	64 (1625.6)	11	Red
5118	0.846 - 0.870	21.48 - 22.10	0.250 (6.3)	64 (1625.6)	11	Blue
5119	0.871 - 0.893	22.11 - 22.68	0.250 (6.3)	65 (1651.0)	12	Green
5120	0.894 - 0.907	22.69 - 23.03	0.250 (6.3)	65 (1651.0)	12	Green



ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5121	5500	0.908 - 0.920	23.04 - 23.37	0.250 (6.3)	66 (1676.4)	12	Yellow
5122	5501	0.921 - 0.937	23.38 - 23.80	0.250 (6.3)	66 (1676.4)	12	Black
5123	5502	0.938 - 0.962	23.81 - 24.43	0.250 (6.3)	67 (1701.8)	12	White
5124	5503	0.963 - 0.986	24.44 - 25.04	0.250 (6.3)	68 (1727.2)	13	Brown
5125	5504	0.987 - 1.005	25.05 - 25.53	0.250 (6.3)	69 (1752.6)	13	Orange
5126	5505	1.006 - 1.022	25.54 - 25.96	0.310 (7.8)	80 (2032.8)	11	Purple
5127	5506	1.023 - 1.040	25.97 - 26.42	0.310 (7.8)	82 (2082.8)	11	Red
5128	5507	1.041 - 1.074	26.43 - 27.28	0.310 (7.8)	82 (2082.8)	11	Blue
5129	5508	1.075 - 1.090	27.29 - 27.69	0.310 (7.8)	82 (2082.8)	12	Green
5130	5509	1.091 - 1.118	27.70 - 28.40	0.310 (7.8)	82 (2082.8)	12	Yellow
5131	5510	1.119 - 1.136	28.41 - 28.85	0.310 (7.8)	82 (2082.8)	12	Black
5132	5511	1.137 - 1.152	28.86 - 29.26	0.310 (7.8)	82 (2082.8)	12	White
5133	5512	1.153 - 1.175	29.27 - 29.85	0.310 (7.8)	82 (2082.8)	12	Brown
5134	5513	1.176 - 1.208	29.86 - 30.68	0.310 (7.8)	82 (2082.8)	12	Orange
5135	5514	1.209 - 1.226	30.69 - 31.14	0.310 (7.8)	88 (2235.2)	11	Purple
5136	5515	1.227 - 1.259	31.15 - 31.98	0.365 (9.3)	88 (2235.2)	11	Red
5137	5516	1.260 - 1.286	31.99 - 32.67	0.365 (9.3)	88 (2235.2)	12	Blue
5138	5517	1.287 - 1.314	32.68 - 33.38	0.365 (9.3)	88 (2235.2)	12	Green
5139	5518	1.315 - 1.355	33.39 - 34.42	0.365 (9.3)	88 (2235.2)	12	Yellow
5140	5519	1.356 - 1.394	34.43 - 35.41	0.365 (9.3)	88 (2235.2)	12	Black
5141	5520	1.395 - 1.416	35.42 - 35.97	0.365 (9.3)	88 (2235.2)	13	White
5142	5521	1.417 - 1.442	35.98 - 36.62	0.365 (9.3)	88 (2235.2)	13	Brown
5143	5522	1.443 - 1.477	36.63 - 37.52	0.365 (9.3)	88 (2235.2)	13	Orange

ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5144	5523	1.478 - 1.516	37.53 - 38.51	0.365 (9.3)	88 (2235.2)	13	Purple
5145	5524	1.517 - 1.557	38.52 - 39.55	0.365 (9.3)	88 (2235.2)	13	Red
5146	5525	1.558 - 1.579	39.56 - 40.11	0.365 (9.3)	100 (2540.0)	14	Blue
5147	5526	1.580 - 1.612	40.12 - 40.95	0.365 (9.3)	100 (2540.0)	14	Green
5148	5527	1.613 - 1.650	40.96 - 41.91	0.365 (9.3)	100 (2540.0)	14	Yellow
5149	5528	1.651 - 1.688	41.92 - 42.82	0.365 (9.3)	100 (2540.0)	15	Black
5150	5529	1.689 - 1.711	42.83 - 43.46	0.365 (9.3)	100 (2540.0)	15	White
5151	5530	1.712 - 1.752	43.47 - 44.50	0.365 (9.3)	100 (2540.0)	15	Brown
5152	5531	1.753 - 1.790	44.51 - 45.47	0.365 (9.3)	100 (2540.0)	15	Orange
5153	5532	1.791 - 1.828	45.48 - 46.43	0.365 (9.3)	100 (2540.0)	15	Purple
5168		1.829 - 1.882	46.42 - 47.80	0.365 (9.3)	100 (2540.0)	16	Red
5177		2.193 - 2.233	55.70 - 56.70	0.365 (9.3)	100 (2540.0)	18	Red



ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5888	0.304 - 0.315	7.72 - 8.00	0.102 (2.6)	38 (965.2)	10	Brown
5889	0.316 - 0.327	8.01 - 8.30	0.102 (2.6)	38 (965.2)	11	Red
5890	0.328 - 0.342	8.31 - 8.68	0.102 (2.6)	38 (965.2)	11	Orange
5891	0.343 - 0.355	8.69 - 9.01	0.102 (2.6)	38 (965.2)	11	Black
5892	0.356 - 0.374	9.02 - 9.49	0.102 (2.6)	38 (965.2)	12	Green
5893	0.375 - 0.389	9.50 - 9.88	0.102 (2.6)	38 (965.2)	12	Purple
5894	0.390 - 0.404	9.89 - 10.26	0.128 (3.3)	48 (1219.2)	11	Yellow
5895	0.405 - 0.418	10.27 - 10.62	0.128 (3.3)	48 (1219.2)	11	Brown
5896	0.419 - 0.434	10.63 - 11.02	0.128 (3.3)	48 (1219.2)	11	Green
5897	0.435 - 0.450	11.03 - 11.43	0.128 (3.3)	48 (1219.2)	11	Blue
5898	0.451 - 0.470	11.44 - 11.93	0.128 (3.3)	48 (1219.2)	12	White
5899	0.471 - 0.481	11.94 - 12.22	0.128 (3.3)	48 (1219.2)	12	Green
5800	0.482 - 0.499	12.23 - 12.67	0.167 (4.2)	53 (1346.2)	10	Red
5801	0.500 - 0.512	12.68 - 13.00	0.167 (4.2)	53 (1346.2)	10	Blue
5802	0.513 - 0.530	13.01 - 13.46	0.167 (4.2)	53 (1346.2)	11	Green
5803	0.531 - 0.542	13.47 - 13.77	0.167 (4.2)	53 (1346.2)	11	Yellow
5804	0.543 - 0.555	13.78 - 14.10	0.182 (4.6)	58 (1473.2)	10	Black
5805	0.556 - 0.573	14.11 - 14.55	0.182 (4.6)	58 (1473.2)	11	White
5806	0.574 - 0.594	14.56 - 15.10	0.182 (4.6)	58 (1473.2)	11	Brown
5807	0.595 - 0.606	15.11 - 15.39	0.182 (4.6)	58 (1473.2)	11	Orange
5808	0.607 - 0.619	15.40 - 15.73	0.182 (4.6)	58 (1473.2)	11	Purple
5809	0.620 - 0.645	15.74 - 16.38	0.182 (4.6)	66 (1676.4)	12	Red
5810	0.646 - 0.673	16.39 - 17.10	0.204 (5.2)	72 (1828.8)	11	Blue

ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5811		0.674 - 0.690	17.11 - 17.53	0.204 (5.2)	72 (1828.8)	11	Green
5812		0.691 - 0.710	17.54 - 18.03	0.204 (5.2)	72 (1828.8)	12	Yellow
5813		0.711 - 0.731	18.04 - 18.57	0.204 (5.2)	72 (1828.8)	12	Black
5814		0.732 - 0.750	18.58 - 19.05	0.204 (5.2)	72 (1828.8)	12	White
5815		0.751 - 0.768	19.06 - 19.50	0.250 (6.4)	78 (1981.2)	10	Brown
5816		0.769 - 0.795	19.51 - 20.19	0.250 (6.4)	78 (1981.2)	11	Orange
5817		0.796 - 0.824	20.20 - 20.93	0.250 (6.4)	78 (1981.2)	11	Purple
5818		0.825 - 0.845	20.94 - 21.47	0.250 (6.4)	82 (2082.8)	11	Red
5819		0.846 - 0.870	21.48 - 22.10	0.250 (6.4)	82 (2082.8)	11	Blue
5820		0.871 - 0.893	22.11 - 22.68	0.250 (6.4)	82 (2082.8)	12	Green
5821		0.894 - 0.907	22-69 - 23.03	0.250 (6.4)	82 (2082.8)	12	Green
5822	5855	0.908 - 0.920	23.04 - 23.37	0.250 (6.4)	90 (2286.0)	12	Yellow
5823	5856	0.921 - 0.937	23.38 - 23.80	0.250 (6.4)	90 (2286.0)	12	Black
5824	5857	0.938 - 0.962	23.81 - 24.43	0.250 (6.4)	90 (2286.0)	12	White
5825	5858	0.963 - 0.986	24.44 - 25.04	0.250 (6.4)	90 (2286.0)	13	Brown
5826	5859	0.987 - 1.005	25.05 - 25.53	0.250 (6.4)	90 (2286.0)	13	Orange
5827	5860	1.006 - 1.022	25.54 - 25.96	0.310 (7.9)	108 (2743.2)	11	Purple
5828	5861	1.023 - 1.040	25.97 - 26.42	0.310 (7.9)	108 (2743.2)	11	Red
5829	5862	1.041 - 1.074	26.43 - 27.28	0.310 (7.9)	108 (2743.2)	11	Blue
5830	5863	1.075 - 1.090	27.29 - 27.69	0.310 (7.9)	108 (2743.2)	12	Green
5831	5864	1.091 - 1.118	27.70 - 28.40	0.310 (7.9)	108 (2743.2)	12	Yellow
5832	5865	1.119 - 1.136	28.41 - 28.85	0.310 (7.9)	108 (2743.2)	12	Black
5833	5866	1.137 - 1.152	28.86 - 29.26	0.310 (7.9)	108 (2743.2)	12	White

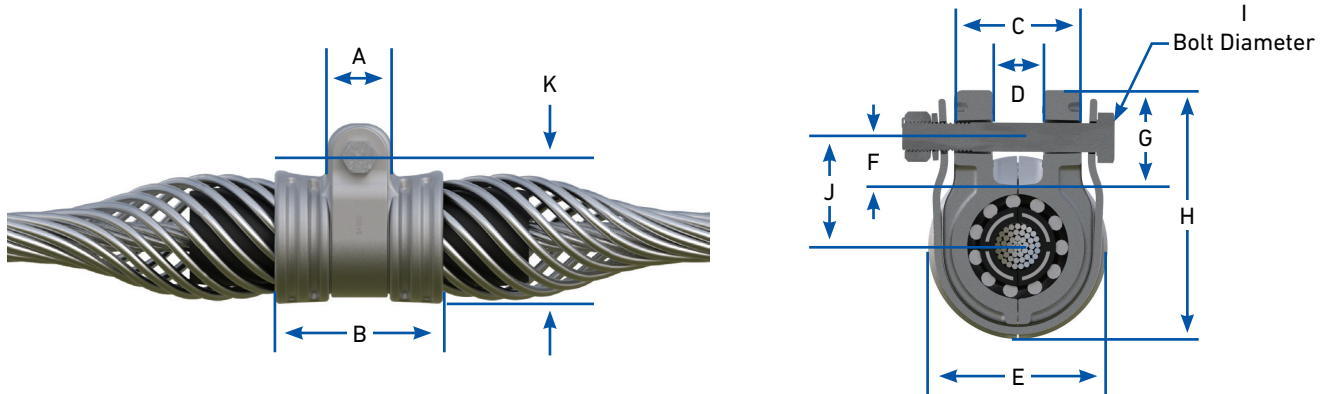


ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5834	5867	1.153 - 1.175	29.27 - 29.85	0.310 (7.9)	108 (2743.2)	12	Brown
5835	5868	1.176 - 1.208	29.86 - 30.68	0.310 (7.9)	108 (2743.2)	12	Orange
5836	5869	1.209 - 1.226	30.69 - 31.14	0.365 (9.3)	117 (2971.8)	11	Purple
5837	5870	1.227 - 1.259	31.15 - 31.98	0.365 (9.3)	117 (2971.8)	11	Red
5838	5871	1.260 - 1.286	31.99 - 32.67	0.365 (9.3)	117 (2971.8)	12	Blue
5839	5872	1.287 - 1.314	32.68 - 33.38	0.365 (9.3)	117 (2971.8)	12	Green
5840	5873	1.315 - 1.355	33.39 - 34.42	0.365 (9.3)	117 (2971.8)	12	Yellow
5841	5874	1.356 - 1.394	34.43 - 35.41	0.365 (9.3)	120 (3048.0)	12	Black
5842	5875	1.395 - 1.416	35.42 - 35.97	0.365 (9.27)	120 (3048.0)	13	White
5843	5876	1.417 - 1.442	35.98 - 36.62	0.365 (9.3)	120 (3048.0)	13	Brown
5844	5877	1.443 - 1.477	36.63 - 37.52	0.365 (9.3)	120 (3048.0)	13	Orange
5845	5878	1.478 - 1.516	37.53 - 38.51	0.365 (9.3)	120 (3048.0)	13	Purple
5846	5879	1.517 - 1.557	38.52 - 39.55	0.365 (9.3)	120 (3048.0)	13	Red
5847	5880	1.558 - 1.579	39.56 - 40.11	0.365 (9.3)	137 (3479.8)	14	Blue
5848	5881	1.580 - 1.612	40.12 - 40.95	0.365 (9.3)	137 (3479.8)	14	Green
5849	5882	1.613 - 1.650	40.96 - 41.91	0.365 (9.3)	137 (3479.8)	14	Yellow
5850	5883	1.651 - 1.688	41.92 - 42.82	0.365 (9.3)	137 (3479.8)	15	Black
5851	5884	1.689 - 1.711	42.83 - 43.46	0.365 (9.3)	137 (3479.8)	15	White
5852	5885	1.712 - 1.752	43.47 - 44.50	0.365 (9.27)	137 (3479.8)	15	Brown
5853	5886	1.753 - 1.790	44.51 - 45.47	0.365 (9.3)	137 (3479.8)	15	Orange
5854	5887	1.791 - 1.828	45.48 - 46.43	0.365 (9.3)	137 (3479.8)	15	Purple

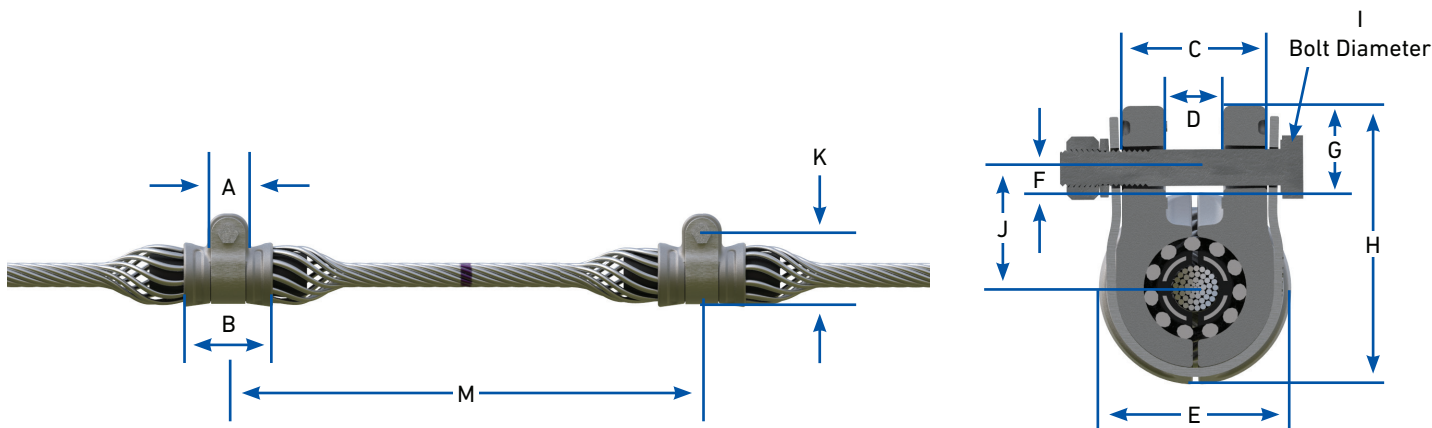
DIMENSIONS



Single ARMOR-GRIP® Suspension

Conductor Range		Dimensions											Vertical Ultimate Load
		in (mm)											
in	mm	A	B	C	D	E	F	G	H	I	J	K	lb (kN)
0.304 - 0.389	7.72 - 9.88	1-3/4 (44.5)	2-1/4 (57.2)	1-1/4 (31.8)	11/16 (17.5)	2-1/16 (52.4)	1-5/32 (29.4)	2-1/32 (51.6)	4-3/32 (104.0)	5/8 (15.9)	2-1/32 (51.6)	3-7/32 (81.8)	15,000 (67)
0.390 - 0.481	9.90 - 12.22	1-3/4 (44.5)	2-1/2 (63.5)	1-5/16 (33.3)	11/16 (17.5)	2-1/4 (57.2)	1-3/32 (27.8)	1-31/32 (50.0)	4-3/32 (104.0)	5/8 (15.9)	2-3/32 (53.2)	3-7/32 (81.8)	15,000 (67)
0.482 - 0.542	12.24 - 13.77	1-5/8 (41.3)	3 (76.2)	1-13/16 (46.0)	5/8 (15.9)	2-3/8 (60.3)	1 (25.4)	1-9/16 (39.7)	4 (101.6)	5/8 (15.9)	2 (50.8)	3-3/16 (81.0)	10,000 (44)
0.543 - 0.645	13.79 - 16.38	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	10,000 (44)
0.646 - 0.750	16.4 - 19.05	1-13/16 (46.0)	3-3/4 (95.3)	2-1/32 (51.6)	25/32 (19.8)	2-25/32 (70.6)	15/16 (23.8)	1-7/8 (47.6)	4-3/16 (106.4)	5/8 (15.9)	1-7/8 (47.6)	3-1/4 (82.6)	15,000 (67)
0.751 - 0.907	19.07 - 23.03	2-1/8 (54.0)	4-17/32 (115.1)	2-1/2 (63.5)	1 (25.4)	3-9/32 (83.3)	1 (25.4)	2-1/16 (52.4)	4-3/4 (120.7)	5/8 (15.9)	2-1/16 (52.4)	3-23/32 (94.5)	20,000 (89)
0.908 - 1.005	23.06 - 25.53	2 (50.8)	5 (127.0)	2-13/16 (71.5)	1-1/16 (27.0)	3-11/16 (93.6)	1-7/32 (31.0)	2-7/32 (31.0)	5-3/8 (136.5)	5/8 (15.9)	2-9/16 (65.1)	4-3/8 (111.1)	20,000 (89)
1.006 - 1.208	25.55 - 30.68	2-1/4 (57.2)	5-1/2 (139.7)	3-5/16 (81.1)	1-5/16 (33.3)	4-5/32 (105.6)	1 (25.4)	2-1/8 (54.0)	5-1/2 (139.7)	5/8 (15.9)	2-5/16 (58.7)	4-3/8 (111.1)	25,000 (111)
1.209 - 1.355	30.7 - 34.42	2-11/32 (59.5)	6 (152.4)	3-1/2 (88.9)	1-1/2 (38.1)	4-23/32 (119.9)	1-1/4 (31.8)	2-15/32 (62.7)	6-3/8 (161.9)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	25,000 (111)
1.356 - 1.557	34.44 - 39.55	2-11/32 (59.5)	6-1/2 (165.1)	4 (101.6)	1-5/8 (41.3)	5-1/32 (127.8)	1-1/8 (28.6)	2-1/4 (57.2)	6-15/32 (164.3)	3/4 (19.1)	2-31/32 (75.4)	5-3/16 (131.8)	25,000 (111)
1.558 - 1.882	39.57 - 47.8	2-9/16 (65.1)	7.0 (177.8)	4-1/2 (114.3)	2-1/2 (63.5)	5-15/32 (138.9)	1-1/8 (28.6)	2-3/8 (60.3)	7 (177.8)	3/4 (19.1)	2-31/32 (75.4)	5-3/4 (146.1)	25,000 (111)
1.883 - 2.233	47.82 - 56.72	2-19/32 (65.9)	7-1/2 (190.5)	4-31/32 (126.2)	2-19/32 (65.9)	6-1/16 (154.0)	1-3/16 (30.2)	2-7/16 (61.9)	7-1/2 (190.5)	3/4 (19.1)	3-7/32 (81.8)	6-1/4 (158.8)	30,000 (133)

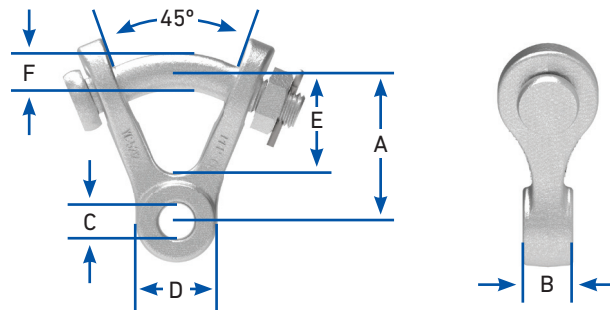
DIMENSIONS



Double ARMOR-GRIP® Suspension

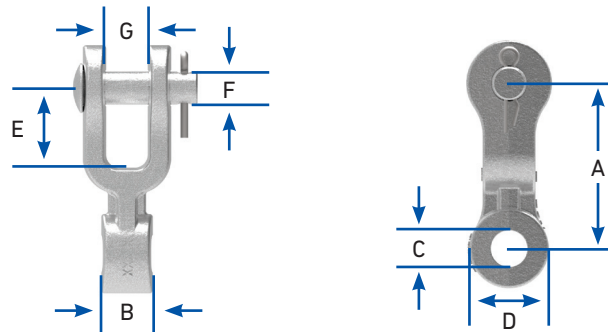
Conductor Range		Dimensions												Vertical Ultimate Load
		in (mm)												
in	mm	A	B	C	D	E	F	G	H	I	J	K	M	lb (kN)
0.304 - 0.389	7.72 - 9.88	1-3/4 (44.5)	2-1/4 (57.2)	1-1/4 (31.8)	11/16 (17.5)	2-1/16 (52.4)	1-5/32 (29.4)	2-1/32 (51.6)	4-3/32 (104.0)	5/8 (15.9)	2-1/32 (51.6)	3-7/32 (81.8)	12 (304.8)	30,000 (133)
0.390 - 0.481	9.90 - 12.22	1-3/4 (44.5)	2-1/2 (63.5)	1-5/16 (33.3)	11/16 (17.5)	2-1/4 (57.2)	1-3/32 (27.8)	1-31/32 (50.0)	4-3/32 (104.0)	5/8 (15.9)	2-3/32 (53.2)	3-7/32 (81.8)	12 (304.8)	30,000 (133)
0.482 - 0.542	12.24 - 13.77	1-5/8 (41.3)	3 (76.2)	1-13/16 (46.0)	5/8 (15.9)	2-3/8 (60.3)	1 (25.4)	1-9/16 (39.7)	4 (101.6)	5/8 (15.9)	2 (50.8)	3-3/16 (81.0)	12 (304.8)	20,000 (89)
0.543 - 0.619	13.79 - 15.73	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	12 (304.8)	20,000 (89)
0.620 - 0.645	15.75 - 16.38	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	18 (457.2)	20,000 (89)
0.646 - 0.750	16.40 - 19.05	1-13/16 (46.0)	3-3/4 (95.3)	2-1/32 (51.6)	25/32 (19.8)	2-25/32 (70.6)	15/16 (23.8)	1-7/8 (47.6)	4-3/16 (106.4)	5/8 (15.9)	1-7/8 (47.6)	3-1/4 (82.6)	18 (457.2)	30,000 (133)
0.751 - 0.907	19.07 - 23.03	2-1/8 (54.0)	4-17/32 (115.1)	2-1/2 (63.5)	1 (25.4)	3-9/32 (83.3)	1 (25.4)	2-1/16 (52.4)	4-3/4 (120.7)	5/8 (15.9)	2-1/16 (52.4)	3-23/32 (94.5)	18 (457.2)	40,000 (178)
0.908 - 1.005	23.06 - 25.53	2 (50.8)	5 (127.0)	2-13/16 (71.4)	1-1/16 (27.0)	3-11/16 (93.6)	1-7/32 (31.0)	2-7/32 (56.4)	5-3/8 (136.5)	5/8 (15.9)	2-9/16 (65.1)	4-3/8 (111.1)	22 (558.8)	40,000 (178)
1.006 - 1.208	25.55 - 30.68	2-1/4 (57.2)	5-1/2 (139.7)	3-5/16 (81.1)	1-5/16 (33.0)	4-5/32 (105.6)	1 (25.4)	2-1/8 (54.0)	5-1/2 (139.7)	5/8 (15.9)	2-5/16 (58.7)	4-3/8 (111.1)	26 (660.4)	50,000 (222)
1.209 - 1.355	30.70 - 34.42	2-11/32 (59.5)	6 (152.4)	3-1/2 (88.9)	1-1/2 (38.1)	4-23/32 (119.9)	1-1/4 (31.8)	2-15/32 (62.7)	6-3/8 (161.9)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	29 (736.6)	50,000 (222)
1.356 - 1.557	34.44 - 39.55	2-11/32 (59.5)	6-1/2 (165.1)	4 (101.6)	1-5/8 (41.3)	5-1/32 (127.8)	1-1/8 (28.6)	2-1/4 (57.2)	6-15/32 (164.3)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	32 (812.8)	50,000 (222)
1.558 - 1.882	39.57 - 47.80	2-9/16 (65.1)	7 (177.8)	4-1/2 (114.3)	2-1/2 (63.5)	5-15/32 (138.9)	1-1/8 (28.6)	2-3/8 (60.3)	7 (177.8)	3/4 (19.1)	2-31/32 (75.4)	5-3/4 (146.1)	37 (939.8)	50,000 (222)
1.883 - 2.233	47.82 - 56.72	2-19/32 (65.9)	7-1/2 (190.5)	4-31/32 (126.2)	2-19/32 (65.9)	6-1/16 (154.0)	1-3/16 (30.2)	2-7/16 (61.9)	7-1/2 (190.5)	3/4 (19.1)	3-7/32 (81.8)	6-1/4 (158.8)	42 (1066.8)	60,000 (267)

HARDWARE FITTINGS



Y-Clevis Eye

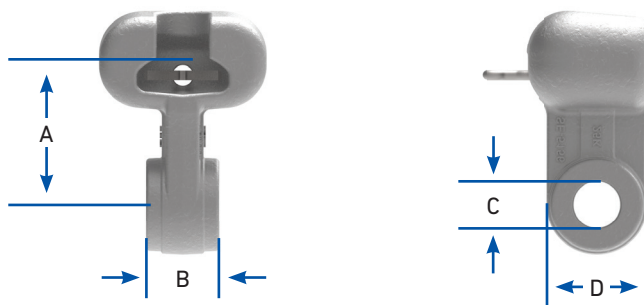
Catalog Number	Conductor Size Range		Dimensions						Maximum Vertical Load
			in (mm)						
	in	mm	A	B	C	D	E	F	lb (kN)
YC-5206	0.272 - 0.750	6.91 - 19.05	2-19/32 (66.0)	5/8 (15.9)	11/16 (17.5)	1-5/8 (41.3)	1-3/4 (44.5)	3/4 (19.0)	15,000 (67)
YC-5207	0.751 - 1.005	19.06 - 25.53	2-9/16 (65.3)	3/4 (19.0)	11/16 (17.5)	1-5/8 (41.3)	1-3/4 (44.5)	3/4 (19.0)	20,000 (89)
YC-5209	1.006 - 1.557	25.54 - 39.55	2-5/8 (66.3)	1-1/16 (27.0)	13/16 (20.6)	1-5/8 (41.3)	1-21/32 (42.0)	3/4 (19.0)	25,000 (111)
YC-5211	1.558 - 2.233	39.56 - 56.72	2-5/8 (66.3)	2-1/8 (54.0)	13/16 (20.6)	1-5/8 (41.3)	1-21/32 (42.0)	3/4 (19.0)	25,000 (111)



Clevis Eye

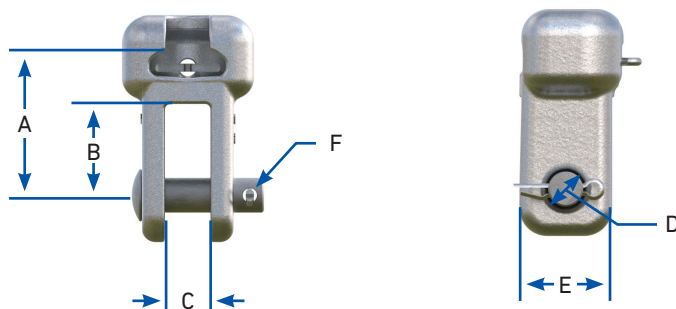
Catalog Number	Conductor Size Range		Dimensions							Maximum Vertical Load
			in (mm)							
	in	mm	A	B	C	D	E	F	G	lb (kN)
CE-5259	0.272 - 0.750	6.91 - 19.05	3-1/8 (79.4)	1/2 (17.5)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	15,000 (67)
CE-5261	0.751 - 1.005	19.06 - 25.53	3-1/8 (79.4)	3/4 (19.0)	11/16 (17.5)	1-9/16 (39.6)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	20,000 (89)
CE-5105	1.006 - 1.557	25.54 - 39.55	3-1/8 (79.4)	1-1/16 (27.0)	13/16 (20.6)	1-1/2 (38.1)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
CE-5106	1.558 - 2.233	39.56 - 56.72	3-1/8 (79.4)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	25,000 (111)

HARDWARE FITTINGS



Socket Eye

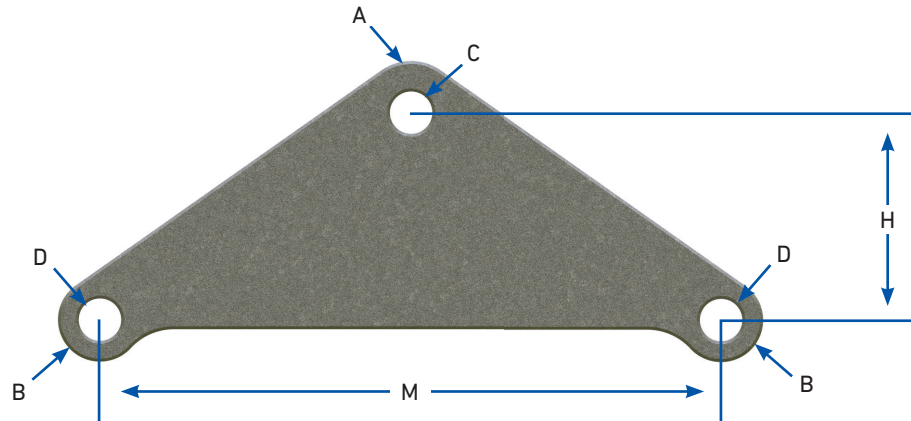
Catalog Number	Conductor Size Range		Dimensions				Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
			in (mm)					
	in (mm)	mm	A	B	C	D	lb (kN)	
SE-5150	0.272 - 0.750	6.91 - 19.05	2-5/16 (58.8)	1/2 (12.7)	11/16 (17.5)	1-1/2 (38.1)	15,000 (67)	52-3 & 52-5
SE-5152	0.751 - 1.005	19.06 - 25.53	2-1/8 (54.0)	3/4 (19.0)	11/16 (17.5)	1-3/4 (44.5)	25,000 (111)	
SE-5154	1.006 - 1.557	25.54 - 39.55	2-5/16 (58.8)	1-1/16 (27.0)	13/16 (20.6)	1-3/4 (44.5)	25,000 (111)	
SE-5155	1.558 - 2.233	39.56 - 56.72	2-5/16 (8.8)	2-1/8 (54.0)	13/16 (20.6)	1-3/4 (44.5)	30,000 (133)	



Socket Clevis

Catalog Number	Dimensions						Maximum Vertical Load	For use with Insulators per ANSI Class Spec C29.2-71
	in (mm)							
	A	B	C	D	E	F	lb (kN)	
SC-5194	2-5/8 (66.7)	1-5/8 (41.3)	13/16 (20.6)	11/16 (17.5)	1-3/4 (44.5)	5/8 (15.9)	30,000 (133)	52-3 & 52-5
SC-50	2-13/16 (71.4)	2-1/4 (57.0)	1-1/8 (28.6)	15/16 (23.8)	2-1/16 (53.0)	7/8 (22.2)	50,000 (222)	52-8 & 52-11

HARDWARE FITTINGS



Yoke Plate

Catalog Number	Dimensions						Plate Thickness	Maximum Vertical Load
	in (mm)							
	A	B	C	D	M	H	in	lb (kN)
	Radius	Radius	Diameter	Diameter				
YP-5907	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (304.8)	4 (101.6)	1/2 (12.7)	30,000 (133)
YP-5908	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	18 (457.2)	6-1/4 (158.8)	5/8 (15.9)	40,000 (178)
YP-5909	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	22 (558.8)	7-1/4 (184.2)	5/8 (15.9)	40,000 (178)
YP-5910	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	26 (660.4)	8-1/2 (215.9)	3/4 (19.0)	50,000 (222)
YP-5911	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	29 (736.6)	9-1/2 (241.3)	3/4 (19.0)	50,000 (222)
YP-5912	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	32 (812.8)	10-1/2 (266.7)	3/4 (19.0)	50,000 (222)
YP-5913	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	37 (939.8)	11-3/4 (298.45)	3/4 (19.0)	50,000 (222)

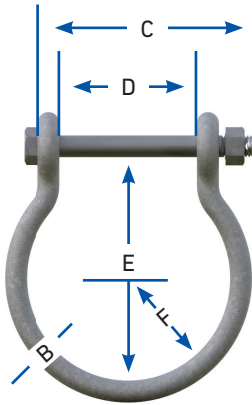
HARDWARE FITTINGS



Vertical Bundling Link

Catalog Number	Dimensions					Rated Strength
	in (mm)					lb (kN)
	AGS Range		Rod Diameter	Bolt Diameter	Center to Center	
	in	mm				
VBL-04	0.751 - 0.907	19.08 - 23.04	5/8 (15.8)	5/8 (15.8)	18 (457)	20,000 (89)
VBL-05	0.908 - 1.005	23.06 - 25.53	5/8 (15.8)	5/8 (15.8)	18 (457)	20,000 (89)
VBL-06	1.006 - 1.208	25.55 - 30.68	5/8 (15.8)	5/8 (15.8)	18 (457)	25,000 (111)
VBL-07	1.209 - 1.355	30.71 - 34.42	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-08	1.356 - 1.557	34.44 - 39.55	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-09	1.558 - 1.882	39.57 - 47.80	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-10	1.883 - 2.233	47.83 - 56.72	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)

HARDWARE FITTINGS



Hold Down Shackles

Catalog Number	Conductor Diameter Range		Dimensions						Maximum Hold Down Weight
	in	mm	in (mm)						lb (kg)
			Bolt Diameter	B	C	D	E	F	
HDS-01AGS	0.304 - 0.481	7.72 - 12.22	5/8 (15.9)	1/2 (12.7)	3-5/8 (92.0)	1-5/8 (41.3)	4 (101.6)	1-1/2 (38.1)	300 (136)
HDS-02AGS	0.482 - 0.750	12.23 - 19.05	5/8 (15.9)	1/2 (12.7)	4-3/8 (111.1)	2-3/8 (60.3)	4-7/8 (123.8)	1-7/8 (47.6)	300 (136)
HDS-03AGS	0.751 - 0.907	19.06 - 23.04	5/8 (15.9)	1/2 (12.7)	4-3/4 (120.7)	2-3/4 (69.9)	5-3/8 (136.5)	2-3/8 (60.3)	300 (136)
HDS-04AGS	0.908 - 1.005	23.05 - 25.53	5/8 (15.9)	1/2 (12.7)	5-1/8 (130.2)	3-1/8 (79.4)	5-1/2 (139.7)	2-1/2 (63.5)	300 (136)
HDS-05AGS	1.006 - 1.208	25.54 - 30.68	5/8 (15.9)	1/2 (12.7)	5-3/4 (146.1)	3-3/4 (95.3)	6-1/8 (155.6)	2-3/4 (69.9)	300 (136)
HDS-07AGS	1.209 - 1.355	30.69 - 34.42	3/4 (19.0)	5/8 (15.9)	6 (152.4)	3-3/4 (95.3)	6-1/4 (158.8)	3 (76.2)	800 (363)
HDS-09AGS	1.356 - 1.557	34.43 - 39.55	3/4 (19.0)	5/8 (15.9)	6-1/2 (165.1)	4-1/4 (108.0)	6-1/2 (165.1)	3 (76.2)	800 (363)
HDS-10AGS	1.558 - 1.828	39.56 - 46.43	3/4 (19.0)	5/8 (15.9)	7-1/8 (181.0)	4-7/8 (123.8)	7-1/4 (184.2)	3-1/4 (82.6)	800 (363)