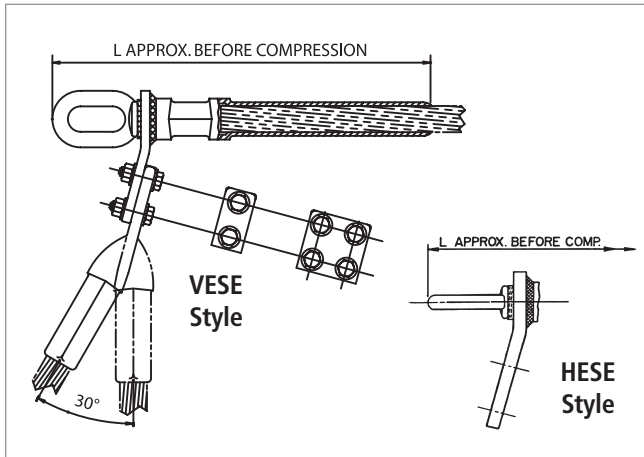


Quick Compress Dead Ends for AAC Conductor, Eye Type, Single Tongue, VESE/HESE Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15° angle, which permits the terminal connector to be bolted in either the straight or the 30° position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15° terminals for these section sizes.

The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.

For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)

For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish
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Example:

For a vertical eye dead end with no terminal and EHV finish for 795 Arbutus, the complete catalog number is:

VESE110NTEHV

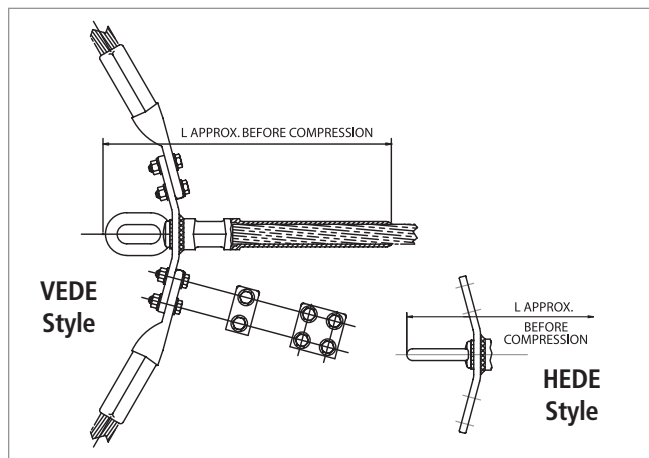
Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Eye Dimensions are on page 257.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAC Conductor, Eye Type, Single Tongue, VESE/HESE Series (cont.)

ASSEMBLY CATALOG NUMBER		CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
VERTICAL EYE	HORIZONTAL EYE	CODE WORD	SIZE KCMIL	STRANDING	DIAMETER IN		LBS	KG	IN	MM	
VESE070	HESE070	Peony	300.6	19	0.629	07CD	1.6	0.73	8.9	226	B
VESE070	HESE070	Tulip	336.4	19	0.666	07CD	1.6	0.73	8.9	226	B
VESE070	HESE070	Daffodil	350.0	19	0.679	07CD	1.6	0.73	8.9	226	B
VESE080	HESE080	Canna	397.5	19	0.724	08CD	2.0	0.91	9.3	236	B
VESE090	HESE090	Goldentuft	450.0	19	0.770	09CD	2.8	1.27	10.4	265	B
VESE090	HESE090	Cosmos	477.0	19	0.793	09CD	2.8	1.27	10.4	265	B
VESE090	HESE090	Zinnia	500.0	19	0.811	09CD	2.8	1.27	10.4	265	B
VESE100	HESE100	Dahlia	556.5	19	0.856	10CD	3.2	1.45	10.9	278	B
VESE100	HESE100	Meadowsweet	600.0	37	0.891	10CD	3.2	1.45	10.9	278	B
VESE100	HESE100	Orchid	636.0	37	0.918	10CD	3.2	1.45	10.9	278	B
VESE100	HESE100	Heuchera	650.0	37	0.928	10CD	3.2	1.45	10.9	278	B
VESE110	HESE110	Verbena	700.0	37	0.963	11CD	5.1	2.31	11.8	298	D
VESE110	HESE110	Violet	715.5	37	0.974	11CD	5.1	2.31	11.8	298	D
VESE110	HESE110	Petunia	750.0	37	0.997	11CD	5.1	2.31	11.8	298	D
VESE110	HESE110	Arbutus	795.0	37	1.026	11CD	5.1	2.31	11.8	298	D
VESE110	HESE110	—	800.0	61	1.031	11CD	5.1	2.31	11.8	298	D
VESE120	HESE120	Cockscomb	900.0	37	1.092	12CD	5.6	2.54	12.2	310	D
VESE120	HESE120	Magnolia	954.0	37	1.124	12CD	5.6	2.54	12.2	310	D
VESE130	HESE130	Hawkweed	1000.0	37	1.151	13CD	7.5	3.40	14.1	359	D
VESE130	HESE130	Bluebell	1033.5	37	1.170	13CD	7.5	3.40	14.1	359	D
VESE130	HESE130	Marigold	1113.0	61	1.216	13CD	7.5	3.40	14.1	359	D
VESE140	HESE140	Hawthorn	1192.5	61	1.258	14CD	8.4	3.81	14.6	370	D
VESE140	HESE140	—	1250.0	91	1.289	14CD	8.4	3.81	14.6	370	D
VESE140	HESE140	Narcissus	1272.0	61	1.300	14CD	8.4	3.81	14.6	370	D
VESE140	HESE140	—	1300.0	91	1.315	14CD	8.4	3.81	14.6	370	D
VESE150	HESE150	Columbine	1351.5	61	1.340	15CD	9.3	4.22	15.0	381	D
VESE150	HESE150	Carnation	1431.0	61	1.379	15CD	9.3	4.22	15.0	381	D
VESE150	HESE150	—	1500.0	91	1.412	15CD	9.3	4.22	15.0	381	D
VESE150	HESE150	Gladiolus	1510.5	61	1.417	15CD	9.3	4.22	15.0	381	D
VESE160	HESE160	Coreopsis	1590.0	61	1.454	16CD	11.8	5.35	16.3	414	D
VESE170	HESE170	Jessamine	1750.0	61	1.525	17CD	14.5	6.58	16.7	424	E
VESE180	HESE180	Cowslip	2000.0	91	1.630	18CD	15.7	7.12	17.1	435	E
VESE190	HESE190	Sagebrush	2250.0	91	1.729	19CD	20.0	9.07	19.1	484	E
VESE190	HESE190	—	2300.0		1.750	19CD	20.0	9.07	19.1	484	E
VESE200	HESE200	Lupine	2500.0	91	1.823	20CD	21.3	9.66	19.5	495	E

Quick Compress Dead Ends for AAC Conductor, Eye Type, Double Tongue, VEDE/HEDE Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15° angle, which permits the terminal connector to be bolted in either the straight or the 30° position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15° terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.

For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)

For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish
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Example:

For a vertical eye dead end with no terminal and EHV finish for 795 Arbutus, the complete catalog number is:

VEDE110NTEHV

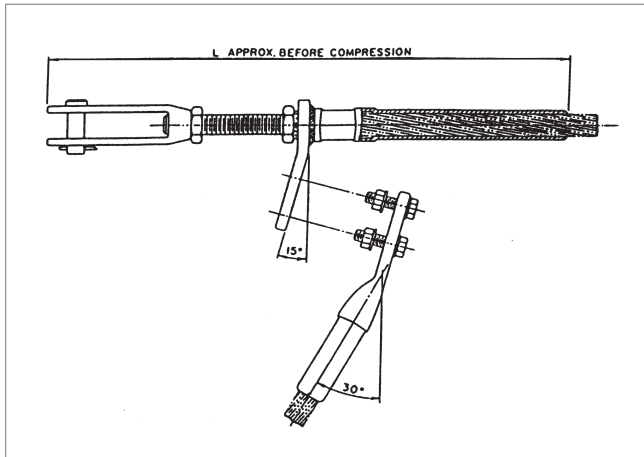
Notes:

1. Assembly Catalog Number includes dead end, two terminal connectors and aluminum hardware.
2. Eye Dimensions are on page 257.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAC Conductor, Eye Type, Double Tongue, VEDE/HEDE Series (cont.)

ASSEMBLY CATALOG NUMBER		CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
		CODE WORD	SIZE	STRANDING	DIAMETER						
VERTICAL EYE	HORIZONTAL EYE		KCMIL	AL	IN		LBS	KG	IN	MM	
VEDE070	HEDE070	Peony	300.0	19	0.629	07CD	2.5	1.13	8.9	226	B
VEDE070	HEDE070	Tulip	336.4	19	0.666	07CD	2.5	1.13	8.9	226	B
VEDE070	HEDE070	Daffodil	350.0	19	0.679	07CD	2.5	1.13	8.9	226	B
VEDE080	HEDE080	Canna	397.5	19	0.724	08CD	3.0	1.36	9.3	236	B
VEDE090	HEDE090	Goldentuft	450.0	19	0.770	09CD	4.1	1.86	10.4	265	B
VEDE090	HEDE090	Cosmos	477.0	19	0.793	09CD	4.1	1.86	10.4	265	B
VEDE090	HEDE090	Zinnia	500.0	19	0.811	09CD	4.1	1.86	10.4	265	B
VEDE100	HEDE100	Dahlia	556.5	19	0.856	10CD	4.8	2.18	10.9	278	B
VEDE100	HEDE100	Meadowsweet	600.0	37	0.891	10CD	4.8	2.18	10.9	278	B
VEDE100	HEDE100	Orchid	636.0	37	0.918	10CD	4.8	2.18	10.9	278	B
VEDE100	HEDE100	Heuchera	650.0	37	0.928	10CD	4.8	2.18	10.9	278	B
VEDE110	HEDE110	Verbena	700.0	37	0.963	11CD	7.3	3.31	11.8	298	D
VEDE110	HEDE110	Violet	715.5	37	0.974	11CD	7.3	3.31	11.8	298	D
VEDE110	HEDE110	Petunia	750.0	37	0.997	11CD	7.3	3.31	11.8	298	D
VEDE110	HEDE110	Arbutus	795.0	37	1.026	11CD	7.3	3.31	11.8	298	D
VEDE110	HEDE110	—	800.0	61	1.031	11CD	7.3	3.31	11.8	298	D
VEDE120	HEDE120	Cockscomb	900.0	37	1.092	12CD	8.3	3.76	12.2	310	D
VEDE120	HEDE120	Magnolia	954.0	37	1.124	12CD	8.3	3.76	12.2	310	D
VEDE130	HEDE130	Hawkweed	1000.0	37	1.151	13CD	10.6	4.80	14.1	359	D
VEDE130	HEDE130	Bluebell	1033.5	37	1.170	13CD	10.6	4.80	14.1	359	D
VEDE130	HEDE130	Marigold	1113.0	61	1.216	13CD	10.6	4.80	14.1	359	D
VEDE140	HEDE140	Hawthorn	1192.5	61	1.258	14CD	12.0	5.44	14.6	370	D
VEDE140	HEDE140	—	1250.0	91	1.289	14CD	12.0	5.44	14.6	370	D
VEDE140	HEDE140	Narcissus	1272.0	61	1.300	14CD	12.0	5.44	14.6	370	D
VEDE140	HEDE140	—	1300.0	91	1.315	14CD	12.0	5.44	14.6	370	D
VEDE150	HEDE150	Columbine	1351.5	61	1.340	15CD	13.3	6.03	15.0	381	D
VEDE150	HEDE150	Carnation	1431.0	61	1.379	15CD	13.3	6.03	15.0	381	D
VEDE150	HEDE150	—	1500.0	91	1.412	15CD	13.3	6.03	15.0	381	D
VEDE150	HEDE150	Gladiolus	1510.5	61	1.417	15CD	13.3	6.03	15.0	381	D
VEDE160	HEDE160	Coreopsis	1590.0	61	1.454	16CD	16.4	7.44	16.3	414	D
VEDE170	HEDE170	Jessamine	1750.0	61	1.525	17CD	20.2	9.16	16.7	424	E
VEDE180	HEDE180	Cowslip	2000.0	91	1.630	18CD	22.0	9.98	17.1	435	E
VEDE190	HEDE190	Sagebrush	2250.0	91	1.729	19CD	27.4	12.43	19.1	484	E
VEDE190	HEDE190	—	2300.0	91	1.750	19CD	27.4	12.43	19.1	484	E
VEDE200	HEDE200	Lupine	2500.0	91	1.823	20CD	29.2	13.24	19.5	495	E

Quick Compress Dead Ends for AAC Conductor, Adjustable Clevis Type, Single Tongue, ACSE Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The adjustable steel clevis is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15° angle, which permits the terminal connector to be bolted in either the straight or the 30° position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15° terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.

For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)

For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish
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Example:

For an adjustable clevis dead end with no terminal and EHV finish for 795 Arbutus, the complete catalog number is:

ACSE110NTEHV

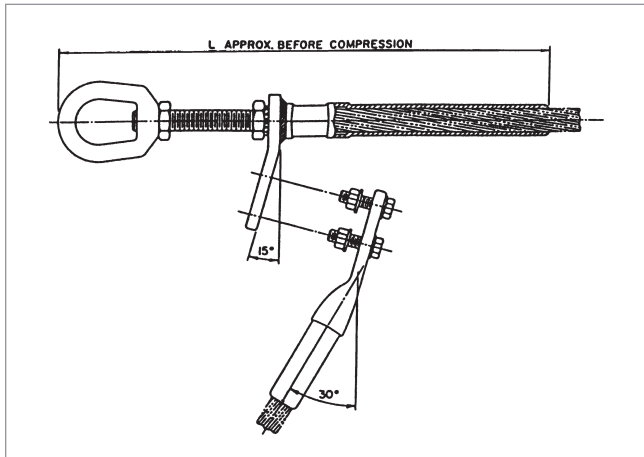
Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Clevis Dimensions are on page 258.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAC Conductor, Adjustable Clevis Type, Single Tongue, ACSE Series (cont.)

ASSEMBLY CATALOG NUMBER	CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIAMETER		LBS	KG	IN	MM	
		KCMIL		IN						
ACSE070	Peony	300.0	19	0.629	07CD	4.1	1.86	16.6	442	B
ACSE070	Tulip	336.4	19	0.666	07CD	4.1	1.86	16.6	442	B
ACSE070	Daffodil	350.0	19	0.679	07CD	4.1	1.86	16.6	442	B
ACSE080	Canna	397.5	19	0.724	08CD	4.8	2.18	17.2	437	B
ACSE090	Goldentuft	450.0	19	0.770	09CD	5.8	2.63	18.3	465	B
ACSE090	Cosmos	477.0	19	0.793	09CD	5.8	2.63	18.3	465	B
ACSE090	Zinnia	500.0	19	0.811	09CD	5.8	2.63	18.3	465	B
ACSE100	Dahlia	556.5	19	0.856	10CD	6.2	2.81	18.8	476	B
ACSE100	Meadowsweet	600.0	37	0.891	10CD	6.2	2.81	18.8	476	B
ACSE100	Orchid	636.0	37	0.918	10CD	6.2	2.81	18.8	476	B
ACSE100	Heuchera	650.0	37	0.928	10CD	6.2	2.81	18.8	476	B
ACSE110	Verbena	700.0	37	0.963	11CD	10.7	4.85	21.8	554	D
ACSE110	Violet	715.5	37	0.974	11CD	10.7	4.85	21.8	554	D
ACSE110	Petunia	750.0	37	0.997	11CD	10.7	4.85	21.8	554	D
ACSE110	Arbutus	795.0	37	1.026	11CD	10.7	4.85	21.8	554	D
ACSE110	—	800.0	61	1.031	11CD	10.7	4.85	21.8	554	D
ACSE120	Cockscomb	900.0	37	1.092	12CD	11.2	5.08	22.3	565	D
ACSE120	Magnolia	954.0	37	1.124	12CD	11.2	5.08	22.3	565	D
ACSE130	Hawkweed	1000.0	37	1.151	13CD	13.9	6.30	23.8	605	D
ACSE130	Bluebell	1033.5	37	1.170	13CD	13.9	6.30	23.8	605	D
ACSE130	Marigold	1113.0	61	1.216	13CD	13.9	6.30	23.8	605	D
ACSE140	Hawthorn	1192.5	61	1.258	14CD	14.8	6.71	24.3	616	D
ACSE140	—	1250.0	91	1.289	14CD	14.8	6.71	24.3	616	D
ACSE140	Narcissus	1272.0	61	1.300	14CD	14.8	6.71	24.3	616	D
ACSE140	—	1300.0	91	1.315	14CD	14.8	6.71	24.3	616	D
ACSE150	Columbine	1351.5	61	1.340	15CD	15.7	7.12	24.7	627	D
ACSE150	Carnation	1431.0	61	1.379	15CD	15.7	7.12	24.7	627	D
ACSE150	—	1500.0	91	1.412	15CD	15.7	7.12	24.7	627	D
ACSE150	Gladiolus	1510.5	61	1.417	15CD	15.7	7.12	24.7	627	D
ACSE160	Coreopsis	1590.0	61	1.454	16CD	21.9	9.93	28.4	721	D
ACSE170	Jessamine	1750.0	61	1.525	17CD	24.6	11.16	28.9	734	E
ACSE180	Cowslip	2000.0	91	1.630	18CD	25.8	11.70	29.3	743	E
ACSE190	Sagebrush	2250.0	91	1.729	19CD	33.9	15.38	31.1	789	E
ACSE190	—	2300.0	91	1.750	19CD	33.9	15.38	31.1	789	E
ACSE200	Lupine	2500.0	91	1.823	20CD	35.2	15.97	31.5	800	E

Quick Compress Dead Ends for AAC Conductor, Adjustable Eye Type, Single Tongue, AESE Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The adjustable steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15° angle, which permits the terminal connector to be bolted in either the straight or the 30° position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15° terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.

For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)

For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish
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Example:

For an adjustable eye dead end with no terminal and EHV finish for 795 Arbutus, the complete catalog number is:

AESE110NTEHV

Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Eye Dimensions are on page 258.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAC Conductor, Adjustable Eye Type, Single Tongue, AESE Series (cont.)

ASSEMBLY CATALOG NUMBER	CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIAMETER		LBS	KG	IN	MM	
		KCMIL		IN						
AESE070	Peony	300.6	19	0.629	07CD	2.6	1.18	13.8	351	B
AESE070	Tulip	336.4	19	0.666	07CD	2.6	1.18	13.8	351	B
AESE070	Daffodil	350.0	19	0.679	07CD	2.6	1.18	13.8	351	B
AESE080	Canna	397.5	19	0.724	08CD	3.7	1.68	14.8	377	B
AESE090	Goldentuft	450.0	19	0.770	09CD	5.3	2.40	16.4	415	B
AESE090	Cosmos	477.0	19	0.793	09CD	5.3	2.40	16.4	415	B
AESE090	Zinnia	500.0	19	0.811	09CD	5.3	2.40	16.4	415	B
AESE100	Dahlia	556.5	19	0.856	10CD	5.7	2.59	16.8	427	B
AESE100	Meadowsweet	600.0	37	0.891	10CD	5.7	2.59	16.8	427	B
AESE100	Orchid	636.0	37	0.918	10CD	5.7	2.59	16.8	427	B
AESE100	Heuchera	650.0	37	0.928	10CD	5.7	2.59	16.8	427	B
AESE110	Verbena	700.0	37	0.963	11CD	8.7	3.95	19.1	485	D
AESE110	Violet	715.5	37	0.974	11CD	8.7	3.95	19.1	485	D
AESE110	Petunia	750.0	37	0.997	11CD	8.7	3.95	19.1	485	D
AESE110	Arbutus	795.0	37	1.026	11CD	8.7	3.95	19.1	485	D
AESE110	—	800.0	61	1.031	11CD	8.7	3.95	19.1	485	D
AESE120	Cockscomb	900.0	37	1.092	12CD	9.3	4.22	19.6	497	D
AESE120	Magnolia	954.0	37	1.124	12CD	9.3	4.22	19.6	497	D
AESE130	Hawkweed	1000.0	37	1.151	13CD	13.1	5.94	21.6	549	D
AESE130	Bluebell	1033.5	37	1.170	13CD	13.1	5.94	21.6	549	D
AESE130	Marigold	1113.0	61	1.216	13CD	13.1	5.94	21.6	549	D
AESE140	Hawthorn	1192.5	61	1.258	14CD	14.0	6.35	22.1	561	D
AESE140	—	1250.0	91	1.289	14CD	14.0	6.35	22.1	561	D
AESE140	Narcissus	1272.0	61	1.300	14CD	14.0	6.35	22.1	561	D
AESE140	—	1300.0	91	1.315	14CD	14.0	6.35	22.1	561	D
AESE150	Columbine	1351.5	61	1.340	15CD	14.9	6.76	22.5	571	D
AESE150	Carnation	1431.0	61	1.379	15CD	14.9	6.76	22.5	571	D
AESE150	—	1500.0	91	1.412	15CD	14.9	6.76	22.5	571	D
AESE150	Gladiolus	1510.5	61	1.417	15CD	14.9	6.76	22.5	571	D
AESE160	Coreopsis	1590.0	61	1.454	16CD	21.8	9.89	25.7	653	D
AESE170	Jessamine	1750.0	61	1.525	17CD	24.6	11.16	26.2	664	E
AESE180	Cowslip	2000.0	91	1.630	18CD	25.8	11.70	26.5	674	E
AESE190	Sagebrush	2250.0	91	1.729	19CD	31.0	14.60	28.1	713	E
AESE190	—	2300.0	91	1.750	19CD	31.0	14.60	28.1	713	E
AESE200	Lupine	2500.0	91	1.823	20CD	32.3	14.65	28.5	724	E