



Designation: B1006 – 17

## Standard Specification for Electrical Overhead Conductor Code Word Names<sup>1</sup>

This standard is issued under the fixed designation B1006; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reappraisal.

### 1. Scope

1.1 This specification lists code word names for bare overhead electrical conductors that are recognized in North America. A procedure has been outlined for adding additional code word names to this standard. Code word names have been in existence for many years describing various conductor constructions used in North America, Europe and elsewhere in the world. Their origin is not clearly understood. The historical basis of this standard originates from code word names developed years ago by member utility companies that participated in the US Aluminum Association, Technical Committee.

1.2 The code word names are grouped into tables of like constructions. The code word name construction can be modified with the use of suffix modifiers that identify additional construction variations. For example the type of steel core material used in an ACSR type of conductor may be modified with the letter designation “/GA3” denoting the strength and type of coating for the steel core material.

1.3 The tables provide the applicable ASTM standard for which the conductor construction may be built to. For conductors that are unique to use in Canada, the applicable CSA International standard is referenced.

1.4 The tables include code word names that are referenced in Canadian CSA and European CENELEC standards. The information is believed to be correct however the user of this document is encouraged to consult the applicable CSA or CENELEC standard for confirmation.

1.5 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

### 2. Referenced Documents

2.1 The following documents of the issue in effect on date of material purchase form a part of this specification to the extent referenced herein:

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee B01 on Electrical Conductors and is the direct responsibility of Subcommittee B01.07 on Conductors of Light Metals.

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### 2.2 ASTM Standards:<sup>2</sup>

- B231/B231M Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors
- B232/B232M Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR)
- B399/B399M Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors
- B400/B400M Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors
- B401 Specification for Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP)
- B498/B498M Specification for Zinc-Coated (Galvanized) Steel Core Wire for Use in Overhead Electrical Conductors
- B502/B502M Specification for Aluminum-Clad Steel Core Wire for Use in Overhead Electrical Aluminum Conductors
- B549 Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced for Use in Overhead Electrical Conductors
- B606/B606M Specification for High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced
- B609/B609M Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes
- B701/B701M Specification for Concentric-Lay-Stranded Self-Damping Aluminum Conductors, Steel Reinforced (ACSR/SD)
- B778 Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors (AAC/TW)
- B779 Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/TW)
- B802/B802M Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR)
- B803/B803M Specification for High-Strength Zinc-5 %

<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Use in Overhead Electrical Conductors

**B856** Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated Steel Supported (ACSS)

**B857** Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Supported (ACSS/TW)

**B911/B911M** Specification for ACSR Twisted Pair Conductor (ACSR/TP)

**B957/B957M** Specification for Extra-High-Strength and Ultra-High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Overhead Electrical Conductors

**B958/B958M** Specification for Extra-High-Strength and Ultra-High-Strength Class A Zinc-5% Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Use in Overhead Electrical Conductors

2.3 *Canadian Standards Association:*<sup>3</sup>

**CSA C61089-11 (R2015)** Round Wire Concentric Lay Overhead Electric Stranded Conductors

**CSA C49.2-10 (R2014)** Compact Round Aluminum Conductors Steel Reinforced (ACSR)

**CSA C49.5-10 (R2015)** Compact Round Aluminum Stranded Conductors (Compact Round ASC)

2.4 *European Committee for Electrotechnical Standardization (CENELEC):*<sup>4</sup>

**EN 50182 (2001)** Conductors for Overhead Lines—Round Wire Concentric Lay Stranded Conductors (and the section for conductors utilized in the United Kingdom region)

### 3. Terminology

3.1 *Definitions:*

3.1.1 *galvanized, n*—zinc coated.

3.1.2 *aluminized, n*—aluminum coated.

3.2 *Abbreviations:*

3.2.1 *Zn-5Al-MM*—zinc-5 % aluminum-mischmetal alloy.

3.2.2 *ACSR*—aluminum conductor, steel reinforced.

3.2.3 *AACSR*—aluminum alloy conductor, steel reinforced.

3.2.4 *AAC*—all aluminum conductor.

3.2.5 *AAAC*—all aluminum alloy conductor.

3.2.6 *ACSS*—aluminum conductor, steel supported.

3.2.7 *ASC*—former Canadian designation for Aluminum Stranded Conductors (see A1).

3.2.8 *AASC*—former Canadian designation for Aluminum Alloy Stranded Conductors (see A2 and A4).

3.2.9 *AI*—Canadian designation for Aluminum Stranded Conductors manufactured with 1350 H19 aluminum (see AAC).

3.2.10 *A2*—Canadian designation for Aluminum Alloy Stranded Conductors manufactured with 6101 T81 aluminum alloy (see AAAC).

<sup>3</sup> Available from Canadian Standards Association (CSA), 5060 Spectrum Way, Suite 100, Mississauga, ON, L4W 5N6, Canada, <http://shop.csa.ca>.

<sup>4</sup> Available from European Committee for Electrotechnical Standardization (CENELEC), Rue De Stassart 34, 1050 Brussels, <https://www.cenelec.eu>.

3.2.11 *A4*—Canadian designation for Aluminum Alloy Stranded Conductors manufactured with 6101 T83 aluminum alloy (see AAAC).

3.2.12 *AxF*—Canadian designation for compact (formed) Aluminum Stranded Conductors where the “x” can be a number 1 to 4 denoting the different aluminum or aluminum alloy material, as in A1F or A4F.

3.2.13 *AI/SIA*—Canadian designation for ACSR, 1350 H19 aluminum with “CSA” Regular Strength, Class “A” Coated, Galvanized Steel core.

3.2.14 *AxF/SIA*—Canadian designation for compact (formed) ACSR where the “x” can be a number 1 to 4 denoting the different aluminum or aluminum alloy material, as in A1F/S1A or A4F/S1A.

3.3 *ACSR and ACSS Construction Suffix Modifiers:*

3.3.1 */GA2 (formerly referred to as simply GA)*—conductor built with regular strength, galvanized steel core wire, coating Class A in accordance with Specification **B498/B498M**.

3.3.2 */GC2 (formerly referred to as simply GC)*—conductor built with regular strength, galvanized steel core wire, coating Class C in accordance with Specification **B498/B498M**.

3.3.3 */GA3 (formerly referred to as simply HS)*—conductor built with high-strength, galvanized steel core wire, coating Class A in accordance with Specification **B606/B606M**.

3.3.4 */MA2 (formerly referred to as simply MA)*—conductor built with regular strength, Zn-5Al-MM alloy coated steel core wire, coating Class A in accordance with Specification **B802/B802M**.

3.3.5 */MA3 (formerly referred to as simply MS)*—conductor built with high-strength Zn-5Al-MM alloy coated steel core wire, coating Class A in accordance with Specification **B803/B803M**.

3.3.6 */MA4*—conductor built with extra-high-strength Zn-5Al-MM alloy coated steel core wire, coating Class A in accordance with Specification **B958/B958M**.

3.3.7 */GA4*—conductor built with extra-high-strength galvanized steel core wire, coating Class A, in accordance with Specification **B957/B957M**.

3.3.8 */MA5*—conductor built with ultra-high-strength Zn-5Al-MM alloy coated steel core, coating Class A, in accordance with Specification **B958/B958M**.

3.3.9 */GA5*—conductor built with ultra-high-strength galvanized steel core wire, coating Class A, in accordance with Specification **B957/B957M**.

3.3.10 */AW2 (formerly referred to as simply AW)*—conductor built with aluminum clad steel in accordance with Specification **B502/B502M**.

3.3.11 */AW3*—conductor built with high strength aluminum clad steel in accordance with Specification **B502/B502M**.

3.3.12 */SIA*—Canadian designation for regular strength galvanized steel core used in ACSR.

3.3.13 */S2A*—Canadian designation for high strength galvanized steel core used in ACSR (similar to ASTM GA2).

3.3.14 /S3A—Canadian designation for extra high strength galvanized steel core used in ACSR (similar to ASTM GA3).

3.3.15 /20SATypeA—Canadian designation for aluminum clad steel core used in ACSR (similar to Specification B502/B502M AW2).

3.4 AAC, AAAC, ACSR, and ACSS Construction Suffix Modifiers:

3.4.1 /TW—trapezoidal shaped aluminum strand wires.

3.4.2 /COMPACT—die compacted aluminum strand wires.

3.5 ACSR Construction Suffix Modifier:

3.5.1 /TP—twisted pair (see Specification B911/B911M). This is a twisted assembly of the two of the code word name conductors. TP conductors may also be built with AAC and AAAC component conductors.

3.6 ACSR Construction Suffix Modifier:

3.6.1 /SD—self dampening (see Specification B701/B701M). This is a special assembly with air gap spaces between the aluminum and steel layer, and also between adjacent layers of aluminum.

3.7 Historically Code Word names for overhead conductors were assigned a generic “family” of names to describe the type of conductor product. For example, in North America bird code word names were assigned to ACSR type conductors. See Chart 1 (Fig. 1) for additional examples of naming conventions for bare overhead conductors that are used in North America and around the world.

#### 4. Classification and Code Word Name

4.1 See Tables 1 through 5 for various overhead conductor constructions and code word names.

Table 1 Concentric Round – 1350H19 Aluminum Stranded Conductors (Flower Code Word Names)

Table 2 Compact Round – 1350H19 Aluminum Stranded Conductors (Reptile Code Word Names)

Table 3 Trapezoidal Shaped – 1350H19 Aluminum Stranded Conductors – Aluminum Area Equal Design to Standard Concentric Stranded Conductors (Flower / TW Code Word Names)

Table 4 Trapezoidal Shaped – 1350H19 Aluminum Stranded Conductors – Diameter Equal Design to Standard Concentric Round Conductor (Mountain Code Word Names)

Table 5 Concentric Round – ACSR and ACSS Stranded Conductors (Bird Code Word Names)

Table 6 Compact Round – ACSR Aluminum Stranded Conductors (Fish Code Word Names)

Table 7 Trapezoidal Shaped – ACSR and ACSS Stranded Conductors – Aluminum Area Equal Design to Standard Concentric Stranded Conductors (Bird / TW Code Word Names)

Table 8 Trapezoidal Shaped – ACSR and ACSS Stranded Conductors – Diameter Equal Design to Standard Concentric Round Conductor (Mountain Code Word Names)

Table 9 Self Damping (SD) ACSR Stranded Conductors (Bird Code Names modified with /SD suffix)

Table 10 Concentric Round – 6201 T81 Aluminum Alloy Stranded Conductors (City Code Word Names)

Table 11 Concentric Round – 6101 T81 (A2) Aluminum Alloy Stranded Conductors (City Code Word Names)

Table 12 Concentric Round – 5005\* Aluminum Alloy Stranded Conductors (Nautical or Geometry Code Word Names) (\*Please note these conductors are no longer manufactured. The code word names are provided for information only.)

Table 13 Miscellaneous Canadian Conductors

Table 14 Concentric Round – British 1350H19 Aluminum Stranded Conductors (Insect Code Word Names)

Table 15 Concentric Round – British Aluminum Alloy (AL3) Stranded Conductors (Tree Code Word Names)

Table 16 Concentric Round – British ACSR Stranded Conductors (Animal Code Word Names)

Table 17 Index – Alphabetical Code Word Index and Corresponding Table Number

#### 5. Addition of Code Word Names

5.1 Additional Code word Names can be submitted to the ASTM B01 Electrical Conductors committee for incorporation into this specification. A conductor data sheet is to be provided detailing the construction details and aluminum or other metal details of the conductor, as well as reference to the applicable ASTM or CSA standard(s).

5.2 This standard also lists known European conductor code word names. These are listed for information only. Additional European code word names may also be submitted for consideration of being added into the standard.

5.3 This standard also includes conductor name / trade size identifiers for non-traditional conductor constructions that have seen common use in the North American marketplace. Additional code word names / trade size identifiers may also be submitted for other conductor constructions with the general proviso that they have at least a decade of known history of use in North America.

#### 6. Keywords

6.1 aluminum conductor; code word names; concentric-lay-stranded aluminum conductor; electrical conductors; electrical conductors, aluminum; steel-reinforced conductors; stranded aluminum conductors

**Chart 1 — Example Overhead Conductor Naming Conventions**

Code Word Family	Conductor Type	Country of Origin	Example
Flowers	AAC 1350	USA/Canada	Tulip
Insects	AAC 1350	United Kingdom	Centipede
Celestial	AAC 1350	Australia	Jupiter
Reptiles	Smooth Body AAC (Compacted) – 1350	Canada	Lizard
Mountains	AAC TW 1350 – diameter equivalent design	USA	Hood
Place Names (Cities)	AAAC 6201	USA	Akron
Place Names (Cities)	AAAC 6101T81	Canada	Montreal
Trees	AAAC 6201	United Kingdom	Poplar
Chemical Elements	AAAC 1120	Australia	Argon
Gemstones	AAAC 6201A	Australia	Opal
Aster + mm <sup>2</sup>	AAAC 6201F	France	ASTER 240
Nautical/Geometry	AAAC 5005	USA	Radian
Birds	ACSR and ACSS	USA/Canada	Drake
Rivers	ACSR – concentric round, diameter based	Canada	Peace River
Animals	ACSR	United Kingdom	Moose
Canna/Crocus + mm <sup>2</sup>	ACSR	France	Canna 79.5
Sports	ACSR + Aluminum Clad Steel Core	Australia	Golf
Fruit	ASCR	Australia	Banana
Fish	Smooth Body (Compacted) ACSR	Canada	Pike
Rivers	ACSR/TW and ACSS/TW – diameter equivalent design	USA	Suwanee
Great Lakes	ASCR/TW – diameter equivalent design	Canada	Superior
Fruit + 1120	AACSR with 1120 aluminum	Australia	Banana 1120
Sports + 1120	AACSR + 1120 aluminum + Aluminum Clad Steel Core	Australis	Golf 1120

**FIG. 1 Naming Conventions**

(<https://standards.iteh.ai>)

Document Preview

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**TABLE 1 Concentric Round—1350-H19 Aluminum Stranded Conductors**  
**Reference Standard = ASTM B231/B231M and CAN/CSA C61089**

SORTED BY SIZE				ALPHABETICAL SORT				
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>4</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS
Nightshade	4 327 000	2193	127		Agave	300 000	152.0	37
Bluebonnet	3 500 000	1773	127		Amaryllis	636 000	322.3	61
Trillium	3 000 000	1520	127		Anemone	874 500	443.1	37
Bitterroot	2 750 000	1393	91	1393-A1-91	Arbutus	795 000	402.8	37
Toadflax	2 500 000	1267	61		Aster	2/0 AWG	67.44	7
Lupine	2 500 000	1267	91	1267-A1-91	Begonia	2 AWG	33.63	Solid
Pigweed	2 300 000	1165	61		Bitterroot	2 750 000	1393	91
Sagebrush	2 250 000	1140	91	1140-A1-91	Bluebell	1 033 500	523.7	37
Jewelweed	2 000 000	1013	61		Bluebonnet	3 500 000	1773	127
Cowslip	2 000 000	1013	91	1013-A1-91	Buttercup	2/0 AWG	67.44	19
Jessamine	1 750 000	886.7	61		Camellia	1 000 000	506.7	61
Cineraria	1 750 000	886.7	91		Cana	397 500	201.4	19
Tule	1 700 000	861.4	61		Carnation	1 431 000	725.1	61
Coreopsis	1 590 000	805.7	61	806-A1-61	Cattail	750 000	380.0	61
Dogwood <sup>B</sup>	1 590 000	805.7	91		Cineraria	1 750 000	886.7	91
Gladiolus	1 510 500	765.4	61	765-A1-61	Cockscomb	900 000	456.0	37
Carnation	1 431 000	725.1	61	725-A1-61	Columbine	1 351 500	684.8	61
Columbine	1 351 000	684.8	61	685-A1-61	Coreopsis	1 590 000	805.7	61
Gentian	1 272 000	644.5	37		Cosmos	477 000	241.7	19
Narcissus	1 272 000	644.5	61	645-A1-61	Cowslip	2 000 000	1013	91
Hawthorn	1 192 500	604.2	61	604-A1-61	Crocus	874 500	443.1	61
Marigold	1 113 000	564.0	61	564-A1-61	Daffodil	350 000	177.3	19
Bluebell	1 033 500	523.7	37	524-A1-37	Dahlia	556 500	282.0	19
Larkspur	1 033 500	523.7	61		Daisy	266 800	135.2	7
Hawkweed	1 000 000	506.7	37	507-A1-37	Dandelion	250 000	126.7	37
Camellia	1 000 000	506.7	61		Dogwood <sup>B</sup>	1 590 000	805.7	91
Magnolia	954 000	483.4	37	483-A1-37	Flag	700 000	354.7	61
Goldenrod	954 000	483.4	61		Four-o'clock	400 000	202.7	19
Cockscomb	900 000	456.0	37	456-A1-37	Foxglove	266 800	135.2	37
Snapdragon	900 000	456.0	61		Fuchsia	800 000	405.4	37
Anemone	874 500	443.1	37	443-A1-37	Gardenia	350 000	177.3	37
Crocus	874 500	443.1	61		Gazania	550 000	278.7	37
Fuchsia	800 000	405.4	37		Gentian	1 272 000	644.5	37
Heliotrope	800 000	405.4	61		Geranium	1/0 AWG	53.51	19
Arbutus	795 000	402.8	37	403-A1-37	Gladiolus	1 510 500	765.4	61
Lilac	795 000	402.8	61		Goldenrod	954 000	483.4	61
Petunia	750 000	380.0	37	380-A1-37	Goldentuft	450 000	228.0	19
Cattail	750 000	380.0	61		Hawkweed	1 000 000	506.7	37
Violet	715 500	362.5	37	363-A1-37	Hawthorn	1 192 500	604.2	61
Nasturtium	715 500	362.5	61		Heliotrope	800 000	405.4	61
Verbena	700 000	354.7	37	355-A1-37	Heuchera	650 000	329.4	37
Flag	700 000	354.7	61		Hollyhock	336 400	170.5	37
Heuchera	650 000	329.4	37	329-A1-37	Hyacinth	500 000	253.4	37
Ice Plant	650 000	329.4	61		Ice Plant	650 000	329.4	61
Orchid	636 000	322.3	37	322-A1-37	Iris	2 AWG	33.63	7
Amaryllis	636 000	322.3	61		Jessamine	1 750 000	886.7	61
Meadowsweet	600 000	304.0	37	304-A1-37	Jewelweed	2 000 000	1013	61
Lotus	600 000	304.0	61		Larkspur	1 033 500	523.7	61
Dahlia	556 500	282.0	19	282-A1-19	Laurel	266 800	135.2	19
Mistletoe	556 500	282.0	37		Lilac	795 000	402.8	61
Gazania	550 000	278.7	37		Lily	3 AWG	26.66	7
Zinnia	500 000	253.4	19	253-A1-19	Lotus	600 000	304.0	61
Hyacinth	500 000	253.4	37		Lupine	2 500 000	1267	91
Cosmos	477 000	241.7	19	242-A1-19	Magnolia	954 000	483.4	37
Syringa	477 000	241.7	37		Marigold	1 113 000	564.0	61
Goldentuft	450 000	228.0	19	228-A1-19	Meadowsweet	600 000	304.0	37
Yarrow	450 000	228.0	37		Mistletoe	556 500	282.0	37
Four-o'clock	400 000	202.7	19		Narcissus	1 272 000	644.5	61
Xerophyte	400 000	202.7	37		Nasturtium	715 500	362.5	61
Canna	397 500	201.4	19	201-A1-19	Nightshade	4 327 000	2193	127
Daffodil	350 000	177.3	19	177-A1-19	Orchid	636 000	322.3	37
Gardenia	350 000	177.3	37		Oxlip	4/0 AWG	107.2	7
Tulip	336 400	170.5	19	170-A1-19	Pansy	1 AWG	42.41	7
Hollyhock	336 400	170.5	37		Passionflower	6 AWG	13.30	Solid
Peony	300 000	152.0	19	152-A1-19	Peachbell	6 AWG	13.30	7
Agave	300 000	152.0	37		Peony	300 000	152.0	19
Daisy	266 800	135.2	7	135-A1-7	Petunia	750 000	380.0	37
Laurel	266 800	135.2	19	135-A1-19	Phlox	3/0 AWG	85.03	7
Foxglove	266 800	135.2	37		Pigweed	2 300 000	1165	61
Sneezewort	250 000	126.7	7		Pom Pom	4 AWG	21.15	Solid
Valerian	250 000	126.7	19	127-A1-19	Poppy	1/0 AWG	53.51	7
Dandelion	250 000	126.7	37		Primrose	3/0 AWG	85.03	19

**TABLE 1** *Continued*

SORTED BY SIZE					ALPHABETICAL SORT			
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS
Oxlip	4/0 AWG	107.2	7	107-A1-7	Rose	4 AWG	21.15	7
Sunflower	4/0 AWG	107.2	19		Sagebrush	2 250 000	1140	91
Phlox	3/0 AWG	85.03	7	85-A1-7	Snapdragon	900 000	456.0	61
Primrose	3/0 AWG	85.03	19		Sneezewort	250 000	126.7	7
Aster	2/0 AWG	67.44	7	67-A1-7	Sunflower	4/0 AWG	107.2	19
Buttercup	2/0 AWG	67.44	19		Syringa	477 000	241.7	37
Poppy	1/0 AWG	53.51	7	54-A1-7	Thistle	1/0 AWG	53.51	Solid
Geranium	1/0 AWG	53.51	19		Toadflax	2 500 000	1267	61
Thistle	1/0 AWG	53.51	Solid		Trillium	3 000 000	1520	127
Pansy	1 AWG	42.41	7	42-A1-7	Tule	1 700 000	861.4	61
Wallflower	1 AWG	42.41	19		Tulip	336 400	170.5	19
Iris	2 AWG	33.63	7	34-A1-7	Valerian	250 000	126.7	19
Begonia	2 AWG	33.63	Solid		Verbena	700 000	354.7	37
Lily	3 AWG	26.66	7	27-A1-7	Violet	715 500	362.5	37
Rose	4 AWG	21.15	7	21-A1-7	Wallflower	1 AWG	42.41	19
Pom Pom	4 AWG	21.15	Solid		Xerophyte	400 000	202.7	37
Peachbell	6 AWG	13.30	7	13-A1-7	Yarrow	450 000	228.0	37
Passionflower	6 AWG	13.30	Solid		Zinnia	500 000	253.4	19

<sup>A</sup> As found in the CAN/CSA C61089 standard.

<sup>B</sup> 1590 kcmil AAC Dogwood is also used for a Canadian 4/0 AWG Compact AAC Covered Line Wire.

**TABLE 2 Compact Round—1350-H19 Aluminum Stranded Conductors**  
**Reference Standard = ASTM B400/B400M and CSA C49.5**

SORTED BY SIZE					ALPHABETICAL SORT			
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS
Chockwalla	477 000	241.7	19 <sup>B</sup>	242-A1F-18-18.3	Alligator	2/0 AWG	67.44	7
Hatteria	397 500	201.4	19 <sup>B</sup>	201-A1F-18-16.7	Anoli	3/0 AWG	85.03	19 <sup>B</sup>
Basilisk	336 400	170.5	19 <sup>B</sup>	170-A1F-18-15.3	Basilisk	336 400	170.5	19 <sup>B</sup>
Tadpole	300 000	152.0	19 <sup>B</sup>	152-A1F-18-14.5	Chockwalla	477 000	241.7	19 <sup>B</sup>
Komodo	266 800	135.2	19 <sup>B</sup>	135-A1F-18-13.6	Clayman	4/0 AWG	107.2	19 <sup>B</sup>
Clayman	4/0 AWG	107.2	19 <sup>B</sup>	107-A1F-18-12.1	Crocodile	3/0 AWG	85.03	7
Salamander	4/0 AWG	107.2	7	107-A1F-7-12.1	Dragon	4 AWG	21.10	7
Anoli	3/0 AWG	85.03	19 <sup>B</sup>	85-A1F-18-10.7	Gecko	2/0 AWG	67.44	19 <sup>B</sup>
Crocodile	3/0 AWG	85.03	7	85-A1F-7-10.7	Hatteria	397 500	201.4	19 <sup>B</sup>
Gecko	2/0 AWG	67.44	19 <sup>B</sup>	67-A1F-18-9.6	Komodo	266 800	135.2	19 <sup>B</sup>
Alligator	2/0 AWG	67.44	7	67-A1F-7-9.6	Lizard	3 AWG	26.66	7
Skink	1/0 AWG	53.51	19 <sup>B</sup>	54-A1F-18-8.5	Moloch	2 AWG	33.63	7
Tuatara	1/0 AWG	53.51	7	54-A1F-7-8.5	Monitor	1 AWG	42.41	7
Newt	1 AWG	42.41	19 <sup>B</sup>		Newt	1 AWG	42.41	19 <sup>B</sup>
Monitor	1 AWG	42.41	7	42-A1F-7-7.6	Ozark	5 AWG	16.77	7
Moloch	2 AWG	33.63	7	34-A1F-7-6.8	Salamander	4/0 AWG	107.2	7
Lizard	3 AWG	26.66	7		Skink	1/0 AWG	53.51	19 <sup>B</sup>
Dragon	4 AWG	21.10	7	21-A1F-7-5.4	Tadpole	300 000	152.0	19 <sup>B</sup>
Ozark	5 AWG	16.77	7		Toad	6 AWG	13.33	7
Toad	6 AWG	13.33	7	13-A1F-7-4.3	Tuatara	1/0 AWG	53.51	7

<sup>A</sup> As found in the CAN/CSA C49.5 standard.

<sup>B</sup> 18 wires minimum.

**TABLE 3 Trapezoidal Shaped—1350-H19 Aluminum Stranded Conductors  
Aluminum Area Equal Design to Standard Concentric Round Conductor  
Reference Standard = ASTM B778 (AAC/TW)**

SORTED BY SIZE				ALPHABETICAL SORT			
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS <sup>A</sup>
Trillium/TW	3 000 000	1520	71	Arbutus/TW	795 000	402.8	17
Lupine/TW	2 500 000	1267	71	Bluebell/TW	1 033 500	523.7	31
Cowslip/TW	2 000 000	1013	49	Canna/TW	397 500	201.4	17
Jessamine/TW	1 750 000	886.7	49	Carnation/TW	1 431 000	725.1	31
Coreopsis/TW	1 590 000	805.7	49	Cockscomb/TW	900 000	456.0	17
Carnation/TW	1 431 000	725.1	31	Columbine/TW	1 351 500	684.8	31
Columbine/TW	1 351 500	684.8	31	Coreopsis/TW	1 590 000	805.7	49
Narcissus/TW	1 272 000	644.5	31	Cosmos/TW	477 000	241.7	17
Hawthorn/TW	1 192 500	604.2	31	Cowslip/TW	2 000 000	1013	49
Marigold/TW	1 113 000	564.0	31	Hawkweed/TW	1 000 000	506.7	31
Bluebell/TW	1 033 500	523.7	31	Hawthorn/TW	1 192 500	604.2	31
Hawkweed/TW	1 000 000	506.7	31	Jessamine/TW	1 750 000	886.7	49
Magnolia/TW	954 000	483.4	31	Lupine/TW	2 500 000	1266.8	71
Cockscomb/TW	900 000	456.0	17	Magnolia/TW	954 000	483.4	31
Arbutus/TW	795 000	402.8	17	Marigold/TW	1 113 000	564.0	31
Nasturtium/TW	750 000	380.0	17	Meadowsweet/TW	600 000	304.0	17
Verbena/TW	700 000	354.7	17	Mistletoe/TW	556 500	282.0	17
Orchid/TW	636 000	322.3	17	Narcissus/TW	1 272 000	644.5	31
Meadowsweet/TW	600 000	304.0	17	Nasturtium/TW	750 000	380.0	17
Mistletoe/TW	556 600	282.0	17	Orchid/TW	636 000	322.3	17
Zinnia/TW	500 000	253.4	17	Trillium/TW	3 000 000	1520.1	71
Cosmos/TW	477 000	241.7	17	Tulip/TW	336 400	170.5	17
Canna/TW	397 500	201.4	17	Verbena/TW	700 000	354.7	17
Tulip/TW	336 400	170.5	17	Zinnia/TW	500 000	253.4	17

<sup>A</sup> The number of strands shown is a guide. The number of actual strands may vary depending on the manufacturer's preference.

**TABLE 4 Trapezoidal Shaped—1350-H19 Aluminum Stranded Conductors  
Diameter Equal Design to Standard Concentric Round Conductor  
Reference Standard = ASTM B778 (AAC/TW)**

SORTED BY SIZE				ALPHABETICAL SORT			
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS <sup>A</sup>
Adams/TW	3 006 200	1523	71	Adams/TW	3 006 200	1523	71
Shasta/TW	2 667 200	1352	71	Helens/TW	1 123 100	569.1	31
Jefferson/TW	2 388 100	1210	52	Hood/TW	1 583 200	802.2	34
Powell/TW	2 093 600	1061	49	Jefferson/TW	2 388 100	1210	52
Whitney/TW	1 812 700	918.5	49	Logan/TW	322 500	163.4	17
Hood/TW	1 583 200	802.2	34	Mazama/TW <sup>B</sup>	1 346 800	682.4	31
Mazama/TW <sup>B</sup>	1 346 800	682.4	31	McKiley/TW	761 500	385.9	17
Helens/TW	1 123 100	569.1	31	Powell/TW	2 093 600	1061	49
Rainier/TW	918 800	465.6	31	Rainier/TW	918 800	465.6	31
McKiley/TW	761 500	385.9	17	Robson/TW	595 800	301.9	17
Robson/TW	595 800	301.9	17	Shasta/TW	2 667 200	1352	71
Wheeler/TW	449 400	227.7	17	Wheeler/TW	449 400	227.7	17
Logan/TW	322 500	163.4	17	Whitney/TW	1 812 700	918.5	49

<sup>A</sup> The number of strands shown is a guide. The number of actual strands may vary depending on the manufacturer's preference.

<sup>B</sup> Previously Mazama/TW was know as Baker/TW.

**TABLE 5 Concentric Round—ACSR and ACSS Stranded Conductors**  
**Reference Standard = ASTM B232/B232M, ASTM B856, and CAN/CSA C61089**

SORTED BY SIZE				ALPHABETICAL SORT				
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS
Kookaburra	2 829 800	1434	72/7		Abitibi <sup>D14,C</sup>	520 000	263.6	18/7
Joree	2 515 000	1274	76/19		Albatross <sup>HS,B</sup>	54 950	27.8	7/1
Kingfisher	2 385 000	1208	72/7		Auk <sup>HS,B</sup>	203 000	102.9	8/7
Thrasher	2 312 000	1172	76/19		Avocet <sup>F</sup>	1 113 000	564.0	42/7
Cockatiel	2 300 000	1165	84/19		Baldpate	900 000	456.0	30/7
Kiwi	2 167 000	1098	72/7		Bantam <sup>HS,B</sup>	13 125	6.7	3/4
Cockatoo	2 156 000	1092	76/19		Barbet	4/0 AWG	107.2	18/1
Bluebird	2 156 000	1092	84/19		Beaumont <sup>F</sup>	1 113 000	564.0	42/7
Dodo	2 129 000	1079	84/19		Bersfort <sup>D14,C</sup>	1 354 800	686.5	48/7
Geant <sup>HS,B</sup>	2 094 000	1061	54/19	1061-A1/S1A-54/19	Bersimis <sup>13,E</sup>	1 361 000	689.6	42/7
Roadrunner	2 057 500	1042	76/19		Bittern	1 272 000	644.5	45/7
Mockingbird	2 034 500	1031	72/7		Blackbird	556 500	282.0	42/7
Mynah	2 000 000	1013	84/19		Bluebird	2 156 000	1092	84/19
Seahawk	1 869 000	947.0	68/7		Bluejay	1 113 000	564.0	45/7
Whitewing	1 852 000	938.4	51/12/7*		Bobolink	1 431 000	725.1	45/7
Woodpecker	1 843 000	933.9	72/7		Bobwhite	3/0 AWG	85.0	7/1
Nelson <sup>D14,C,D</sup>	1 838 600	931.6	72/7	932-A1/S1A-72/7	Brahma <sup>HS,B</sup>	203 200	103.0	16/19
Smew	1 780 000	901.9	76/19		Brant	397 500	201.4	24/7
Chukar	1 780 000	901.9	84/19		Bullfinch	1 113 000	564.0	48/7
Ratite	1 590 000	805.7	42/7		Bunting	1 192 500	604.2	45/7
Lapwing	1 590 000	805.7	45/7		Buteo	715 500	362.5	30/7
Hornbill	1 590 000	805.7	48/7		Canary	900 000	456.0	54/7
Falcon	1 590 000	805.7	54/19	806-A1/S1A-54/19	Canvasback	954 000	483.4	30/19
Nuthatch	1 510 500	765.4	45/7		Cardinal	954 000	483.4	54/7
Parrot	1 510 500	765.4	54/19	765-A1/S1A-54/19	Carillon <sup>D14,C</sup>	1 028 000	521.2	42/7
Popinjay	1 431 500	765.4	42/7		Catbird	954 000	483.3	36/1
Bobolink	1 431 000	725.1	45/7		Chickadee	397 500	201.4	18/1
Wagtail	1 431 000	725.1	48/7		Chignecto <sup>13,E</sup>	588 900	298.4	22/7
Plover	1 431 000	725.1	54/19	725-A1/S1A-54/19	Chukar	1 780 000	901.9	84/19
Bersimis <sup>13,E</sup>	1 361 000	689.5	42/7	690-A1/S1A-42/7	Chute de Passes <sup>13,E</sup>	849 600	430.5	45/7
Bersfort <sup>D14,C</sup>	1 354 800	686.5	48/7	686-A1/S1A-48/7	Cochin <sup>HS,B</sup>	211 300	107.1	12/7
Frigate	1 351 500	684.8	22/7		Cockatiel	2 300 000	1165	84/19
Ringdove	1 351 500	684.8	42/7		Cockatoo	2 156 000	1092	76/19
Dipper	1 351 500	684.8	45/7		Condor	795 000	402.8	54/7
Martin	1 351 500	684.8	54/19	685-A1/S1A-54/19	Coot	795 000	402.8	36/1
Seaway <sup>13,E</sup>	1 277 500	647.3	42/7		Cormorant	1 192 500	604.2	48/7
Skylark	1 272 000	644.5	36/1		Corncrake	954 000	483.4	20/7
Scissortail	1 272 000	644.5	42/7	645-A1/S1A-42/7	Cowbird	336 400	170.5	42/7
Bittern	1 272 000	644.5	45/7		Crane	874 500	443.1	54/7
Diver	1 272 000	644.5	48/7		Creepers	517 000	262.0	20/7
Pheasant	1 272 000	644.5	54/19	645-A1/S1A-54/19	Crossbill	666 600	337.8	45/7
Oxbird	1 192 500	604.2	42/7		Crow	715 500	362.5	54/7
Bunting	1 192 500	604.2	45/7		Cuckoo	795 000	402.8	24/7
Cormorant	1 192 500	604.2	48/7		Curlew	1 033 500	523.7	54/7
Grackle	1 192 500	604.2	54/19	604-A1/S1A-54/19	Dipper	1 351 500	684.8	45/7
Gatineau <sup>D14,C</sup>	1 168 100	591.9	48/7	592-A1/S1A-48/7	Diver	1 272 000	644.5	48/7
Avocet <sup>F</sup>	1 113 000	564.0	42/7		Dodo	2 129 000	1079	84/19
Beaumont <sup>F</sup>	1 113 000	564.0	42/7	564-A1/S1A-42/7	Dorking <sup>HS,B</sup>	190 800	96.7	12/7
Bluejay	1 113 000	564.0	45/7		Dotterel <sup>HS,B</sup>	176 900	89.6	12/7
Bullfinch	1 113 000	564.0	48/7		Dove	556 500	282.0	26/7
Finch	1 113 000	564.0	54/19	564-A1/S1A-54/19	Drake	795 000	402.8	26/7
Saguen <sup>HS,B</sup>	1 105 000	559.9	36/19	560-A1/S1A-36/19	Duck	605 000	306.6	54/7
Tanager	1 033 500	523.7	36/1		Eagle	556 500	282.0	30/7
Snowbird	1 033 500	523.7	42/7	524-A1/S1A-42/7	Egret	636 000	322.3	30/19
Ortolan	1 033 500	523.7	45/7		Eider	266 800	135.2	45/7
Whooper	1 033 500	523.7	48/7		Erne	397 500	201.4	42/7
Curlew	1 033 500	523.7	54/7	524-A1/S1A-54/7	Falcon	1 590 000	805.7	54/19
Carillon <sup>D14,C</sup>	1 028 700	521.2	42/7	521-A1/S1A-42/7	Finch	1 113 000	564.0	54/19
Vireo	1 027 400	520.6	48/7		Flamingo	666 600	337.8	24/7
Corncrake	954 000	483.4	20/7		Flicker	477 000	241.7	24/7
Merganser	954 000	483.4	30/7		Frigate	1 351 500	684.8	22/7
Catbird	954 000	483.4	36/1		Gadwall	300 000	152.0	24/7
Redbird	954 000	483.4	24/7		Gannet	666 600	337.8	26/7
Phoenix	954 000	483.4	42/7	483-A1/S1A-42/7	Gatineau <sup>D14,C</sup>	1 168 100	591.9	48/7
Rail	954 000	483.4	45/7		Geant <sup>HS,B</sup>	2 094 000	1061	54/19
Canvasback	954 000	483.4	30/19		Goldfinch	636 000	322.3	22/7
Towhee	954 000	483.4	48/7		Goose	636 000	322.3	54/7
Cardinal	954 000	483.4	54/7	483-A1/S1A-54/7	Grackle	1 192 500	604.2	54/19
Redstart	900 000	456.0	24/7		Grand Rapid <sup>D14,C</sup>	685 400	347.3	22/7
Turnstone	900 000	456.0	20/7		Grebe	715 500	362.5	45/7
Baldpate	900 000	456.0	30/7		Grosbeak	636 000	322.3	26/7
					Grouse <sup>HS,B</sup>	80 000	40.5	8/1



**TABLE 5** *Continued*

SORTED BY SIZE					ALPHABETICAL SORT				
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	
Ruddy	900 000	456.0	45/7		Guinea <sup>HS,B</sup>	159 000	80.6	12/7	
Canary	900 000	456.0	54/7	456-A1/S1A-54/7	Gull	666 600	337.8	54/7	
Willet	874 500	443.1	45/7		Hawk	477 000	241.7	26/7	
Crane	874 500	443.1	54/7	443-A1/S1A-54/7	Hen	477 000	241.7	30/7	
Les Boules <sup>D14,C</sup>	864 900	438.3	42/7	438-A1/S1A-42/7	Heron	500 000	253.4	30/7	
Chute des Passes <sup>D13,E</sup>	849 600	430.5	45/7	430-A1/S1A-45/7	Hornbill	1 590 000	805.7	48/7	
Turbit	795 000	402.8	20/7		Hummingbird	336 400	170.5	45/7	
Puffin	795 000	402.8	22/7		Ibis	397 500	201.4	26/7	
Cuckoo	795 000	402.8	24/7		Jackdaw	477 000	241.7	45/7	
Drake	795 000	402.8	26/7	403-A1/S1A-26/7	Jaeger	228 200	115.6	18/1	
Skimmer	795 000	402.8	30/7		Joree	2 515 000	1274	76/19	
Mallard	795 000	402.8	30/19	403-A1/S1A-30/19	Junco	266 800	135.2	30/7	
Coot	795 000	402.8	36/1		Kestrel	477 000	241.7	42/7	
Macaw	795 000	402.8	42/7	403-A1/S1A-42/7	Killdeer	636 000	322.3	45/7	
Tern	795 000	402.8	45/7		Kingbird	636 000	322.3	18/1	
Condor	795 000	402.8	54/7	403-A1/S1A-54/7	Kingfisher	2 385 000	1208	72/7	
Stilt	715 500	362.5	24/7		Kiwi	2 167 000	1098	72/7	
Starling	715 500	362.5	26/7	363-A1/S1A-26/7	Kookaburra	2 829 800	1434	72/7	
Buteo	715 500	362.5	30/7		Lapwing	1 590 000	805.7	45/7	
Redwing	715 500	362.5	30/19		Lark	397 500	201.4	30/7	
Grebe	715 500	362.5	45/7		Leghorn <sup>HS,B</sup>	134 600	68.2	12/7	
Crow	715 500	362.5	54/7	363-A1/S1A-54/7	Les Boules <sup>D14,C</sup>	864 900	438.3	42/7	
Grand Rapid <sup>D14,C</sup>	685 400	347.3	22/7	347-A1/S1A-22/7	Linnet	336 400	170.5	26/7	
Mica <sup>D14,B</sup>	666 900	337.9	24/7	338-A1/S1A-24/7	Longspur	397 500	201.4	45/7	
Flamingo	666 600	337.8	24/7		Loon <sup>HS,B</sup>	66 540	33.7	3/4	
Gannet	666 600	337.8	26/7		Macaw	795 000	402.8	42/7	
Crossbill	666 600	337.8	45/7		Magpie <sup>HS,B</sup>	20 870	10.6	3/4	
Gull	666 600	337.8	54/7	338-A1/S1A-54/7	Mallard	795 000	402.8	30/19	
Kingbird	636 000	322.3	18/1		Martin	1 351 500	684.8	54/19	
Turacos	636 000	322.3	20/7		Merganser	954 000	483.4	30/7	
Goldfinch	636 000	322.3	22/7	322-A1/S1A-22/7	Merlin	336 400	170.5	18/1	
Rook	636 000	322.3	24/7		Mica <sup>D13,E</sup>	666 900	337.9	24/7	
Grosbeak	636 000	322.3	26/7	322-A1/S1A-26/7	Minorca <sup>HS,B</sup>	110 800	56.1	12/7	
Scoter	636 000	322.3	30/7		Mockingbird	2 034 500	1034	72/7	
Egret	636 000	322.3	30/19	322-A1/S1A-30/19	Mynah	2 000 000	1013	84/19	
Swift	636 000	322.3	36/1		Nelson <sup>D14,C,D</sup>	1 838 600	931.6	72/7	
Pipet	636 000	322.3	42/7		Nightingale	517 000	262.0	18/1	
Killdeer	636 000	322.3	45/7		Nuthatch	1 510 500	765.4	45/7	
Goose	636 000	322.3	54/7	322-A1/S1A-54/7	Oriole	336 400	170.5	30/7	
Peace River <sup>D14,C</sup>	623 800	316.1	48/7	316-A1/S1A-48/7	Ortolan	1 033 500	523.7	45/7	
Tralap <sup>HS,B</sup>	617 500	312.9	42/19	313-A1/S1A-42/19	Osprey	556 500	282.0	18/1	
Peacock	605 000	306.6	24/7		Ostrich	300 000	152.0	26/7	
Squab	605 000	306.6	26/7		Owl	266 800	135.2	6/7	
Wood Duck	605 000	306.6	30/7		Oxbird	1 192 500	604.2	42/7	
Teal	605 000	306.6	30/19		Parakeet	556 500	282.0	24/7	
Sandpiper	605 000	306.6	45/7		Parrot	1 510 500	765.4	54/19	
Duck	605 000	306.6	54/7	307-A1/S1A-54/7	Partridge	266 800	135.2	26/7	
Chignecto <sup>D13,E</sup>	588 900	298.4	22/7		Peace River <sup>D14,C</sup>	623 800	316.1	48/7	
Osprey	556 500	282.0	18/1		Peacock	605 000	306.6	24/7	
Tody	556 500	282.0	20/7		Pelican	477 000	241.7	18/7	
Sapsucker	556 500	282.0	22/7	282-A1/S1A-22/7	Penguin	4/0 AWG	107.2	6/1	
Parakeet	556 500	282.0	24/7		Petrel <sup>HS,B</sup>	101 800	51.6	12/7	
Dove	226 500	282.0	26/7	282-A1/S1A-26/7	Pheasant	1 272 000	644.5	54/19	
Eagle	556 500	282.0	30/7	282-A1/S1A-30/7	Phoebe	300 000	152.0	18/1	
Blackbird	556 500	282.0	42/7		Phoenix	954 000	483.4	42/7	
Sunbird	556 500	282.0	45/7		Pigeon	3/0 AWG	85.0	6/1	
Abitibi <sup>D14,C</sup>	520 200	263.6	18/7	264-A1/S1A-18/7	Pintail	419 000	212.3	30/7	
Nightingale	517 000	262.0	18/1		Piper	300 000	152.0	30/7	
Creepers	517 000	262.0	20/7		Pipit	636 000	322.3	42/7	
Shelter Bay <sup>D13,E</sup>	504 200	255.5	22/7	255-A1/S1A-22/7	Plover	1 431 000	725.1	54/19	
Heron	500 000	253.4	30/7	253-A1/S1A-30/7	Popinjay	1 431 500	725.4	42/7	
Pelican	477 000	241.7	18/1	242-A1/S1A-18/1	Ptarmigan	397 500	201.4	20/7	
Tailorbird	477 000	241.7	20/7		Puffin	795 000	402.8	22/7	
Toucan	477 000	241.7	22/7	242-A1/S1A-22/7	Quail	2/0 AWG	67.4	6/1	
Flicker	477 000	241.7	24/7		Rail	954 000	483.4	45/7	
Hawk	477 000	241.7	26/7	242-A1/S1A-26/7	Ratite	1 590 000	805.7	42/7	
Hen	477 000	241.7	30/7	242-A1/S1A-30/7	Raven	1/0 AWG	53.5	6/1	
Kestrel	477 000	241.7	42/7		Redbird	954 000	483.4	24/7	
Jackdaw	470 000	241.7	45/7		Redstart	900 000	456.0	24/7	
Pintail	419 000	212.3	30/7		Redwing	715 500	362.5	30/19	
Chickadee	397 500	201.4	18/1	201-A1/S1A-18/1	Rhea	286 200	145.0	18/19	
Ptarmigan	397 500	201.4	20/7		Rhea <sup>HS,B</sup>	286 200	145.0	18/19	
Stork	397 500	201.4	22/7						

**TABLE 5** *Continued*

SORTED BY SIZE					ALPHABETICAL SORT			
CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS	Metric Designation <sup>A</sup>	CODE WORD	Aluminum AWG or cmil	Aluminum mm <sup>2</sup>	STRANDS
Brant	397 500	201.4	24/7		Ringdove	1 351 500	684.8	42/7
Ibis	397 500	201.4	26/7	201-A1/S1A-26/7	Roadrunner	2 057 500	1042	76/19
Lark	397 500	201.4	30/7	201-A1/S1A-30/7	Robin	1 AWG	42.4	6/1
Erne	397 500	201.4	42/7		Rook	636 000	322.3	24/7
Longspur	397 500	201.4	45/7		Ruddy	900 000	456.0	45/7
Merlin	336 400	170.5	18/1	170-A1/S1A-18/1	Saguen <sup>HS,B</sup>	1 105 000	559.9	36/19
Trogon	336 400	170.5	20/7		Sandpiper	605 000	306.6	45/7
Woodcock	336 400	170.5	22/7		Sapsucker	556 500	282.0	22/7
Widgeon	336 400	170.5	24/7		Scaup	266 800	135.2	24/7
Linnet	336 400	170.5	26/7	170-A1/S1A-26/7	Scissortail	1 272 000	644.5	42/7
Cowbird	336 400	170.5	42/7		Scoter	636 000	322.3	30/7
Hummingbird	336 400	170.5	45/7		Seahawk	1 869 000	947.0	68/7
Oriole	336 400	170.5	30/7	170-A1/S1A-30/7	Seaway <sup>D13,E</sup>	1 277 500	647.3	42/7
Phoebe	300 000	152.0	18/1	152-A1/S1A-18/1	Shelter Bay <sup>D13,E</sup>	504 200	255.5	22/7
Gadwall	300 000	152.0	24/7		Shoebill <sup>HS,B</sup>	57 500	29.1	3/4
Ostrich	300 000	152.0	26/7	152-A1/S1A-26/7	Shrike <sup>HS,B</sup>	33 185	16.8	3/4
Piper	300 000	152.0	30/7	152-A1/S1A-30/7	Skimmer	795 000	402.8	30/7
Rhea	286 200	145.0	18/19		Skylark	1 272 000	644.5	36/1
Rhea <sup>HS,B</sup>	286 200	145.0	18/19		Smew	1 780 000	901.9	76/19
Owl	266 800	135.2	6/7	135-A1/S1A-6/7	Snipe <sup>HS,B</sup>	52 770	26.7	3/4
Waxwing	266 800	135.2	18/1	135-A1/S1A-18/1	Snowbird	1 033 500	523.7	42/7
Spoonbill	266 800	135.2	22/7		Sparate	2 AWG	33.6	7/1
Scaup	266 800	135.2	24/7		Sparrow	2 AWG	33.6	6/1
Titmouse	266 800	135.2	42/7		Spoonbill	266 800	135.2	22/7
Eider	266 800	135.2	45/7		Squab	605 000	306.6	26/7
Partridge	266 800	135.2	26/7	135-A1/S1A-26/7	Starling	715 500	362.5	26/7
Junco	266 800	135.2	30/7		Stilt	715 500	362.5	24/7
Jaeger	228 200	115.6	18/1		Stork	397 500	201.4	22/7
Vulture	4/0 AWG	107.2	5/1		Sunbird	556 500	282.0	45/7
Penguin	4/0 AWG	107.2	6/1	107-A1/S1A-6/1	Swallow	3 AWG	26.7	6/1
Barbet	4/0 AWG	107.2	18/1		Swan	4 AWG	21.1	6/1
Cochin <sup>HS,B</sup>	211 300	107.1	12/7	107-A1/S1A-12/7	Swanate	4 AWG	21.1	7/1
Brahma <sup>HS,B</sup>	203 200	103.0	16/19	103-A1/S1A-16/19	Swift	636 000	322.3	36/1
Auk <sup>HS,B</sup>	203 000	102.9	8/7	103-A1/S1A-8/7	Tailorbird	477 000	241.7	20/7
Dorking <sup>HS,B</sup>	190 800	96.7	12/7	97-A1/S1A-12/7	Tanager	1 033 500	523.7	36/1
Dottere <sup>HS,B</sup>	176 900	89.6	12/7	90-A1/S1A-12/7	Teal	605 000	306.6	30/19
Pigeon	3/0 AWG	85.03	6/1	85-A1/S1A-6/1	Tern	795 000	402.8	45/7
Bobwhite	3/0 AWG	85.03	7/1		Thrasher	2 312 000	1172	76/19
Guinea <sup>HS,B</sup>	159 000	80.6	12/7	81-A1/S1A-12/7	Thrush	5 AWG	16.8	6/1
Leghorn <sup>HS,B</sup>	134 600	68.2	12/7	68-A1/S1A-12/7	Titmouse	266 800	135.2	42/7
Quail	2/0 AWG	67.44	6/1	67-A1/S1A-6/1	Tody	556 500	282.0	20/7
Minorca <sup>HS,B</sup>	110 800	56.1	12/7		Toucan	477 000	241.7	22/7
Raven	1/0 AWG	53.51	6/1	54-A1/S1A-6/1	Towhee	954 000	483.4	48/7
Petrel <sup>HS,B</sup>	101 800	51.6	12/7	52-A1/S1A-12/7	Tralap	617 500	312.9	42/19
Robin	1 AWG	42.41	6/1	42-A1/S1A-6/1	Trogon	336 400	170.5	20/7
Grouse <sup>HS,B</sup>	80 000	40.5	8/1	41-A1/S1A-8/1	Turacos	636 000	322.3	20/7
Loon <sup>HS,B</sup>	66 540	33.7	3/4	34-A1/S1A-3/4	Turbit	795 000	402.8	20/7
Sparrow	2 AWG	33.63	6/1	34-A1/S1A-6/1	Turkey	6 AWG	13.3	6/1
Sparate	2 AWG	33.63	7/1		Turnstone	900 000	456.0	20/7
Shoebill <sup>HS,B</sup>	57 500	29.1	3/4		Vireo	1 027 400	520.6	48/7
Albatross <sup>HS,B</sup>	54 950	27.8	7/1		Vulture	4/0 AWG	107.2	5/1
Snipe <sup>HS,B</sup>	52 770	26.7	3/4	27-A1/S1A-3/4	Wagtail	1 431 100	725.1	48/7
Swallow	3 AWG	26.66	6/1	27-A1/S1A-6/1	Warbler	7 AWG	10.6	6/1
Sean	4 AWG	21.10	6/1	21-A1/S1A-6/1	Waxwing	266 800	135.2	18/1
Swanate	4 AWG	21.10	7/1		Whitewing	1 852 000	938.4	51/12/7*
Shrike	33 185	16.8	3/4	17-A1/S1A-3/4	Whooper	1 033 500	523.7	48/7
Thrush <sup>HS,B</sup>	5 AWG	16.77	6/1	17-A1/S1A-6/1	Widgeon	336 400	170.5	24/7
Turkey	6 AWG	13.33	6/1	13-A1/S1A-6/1	Willet	874 500	443.1	45/7
Maggie <sup>HS,B</sup>	20 870	10.6	3/4	11-A1/S1A-3/4	Wood Duck	605 000	306.6	30/7
Warbler	7 AWG	10.55	6/1	11-A1/S1A-6/1	Woodcock	336 400	170.5	22/7
Wren	8 AWG	8.37	6/1	8-A1/S1A-6/1	Woodpecker	1 843 000	933.9	72/7
Bantam <sup>HS,B</sup>	13 125	6.7	3/4	7-A1/S1A-3/4	Wren	8 AWG	8.37	6/1

<sup>A</sup> As found in the CAN/CSA C61089 standard.

<sup>B</sup> Denotes a high strength conductor design. The conductor has a high steel core content.

<sup>C</sup> Denotes a Canadian Code Word – found in Table D12 of the CAN/CSA C61089 standard.

<sup>D</sup> The Canadian Code Word Nelson is also found for a trapezoidal 1257 kcmil ACSR/TW conductor in ASTM B779 and B857.

<sup>E</sup> Denotes a Canadian Code Word – found in Table D11 of the CAN/CSA C61089 standard.

<sup>F</sup> The Code Word Avocet and Beaumont appear to be identical. Beaumont is identified in Table D10 of the CAN/CSA C61089 standard.