



## Application

DanCables bimetal cable lugs according to DIN 46329.

Corrosion-resistant, suitable for humid environments, outdoor environments and by risk off sea/salt fog.

For connections of aluminum cables on Cu busbars, and circuit breakers.

Used on round and sector-shaped Al conductor, solid (class 1) and stranded (class 2) according to DIN 60228.

Tested and approved for use with flexible Alukaflex® cables (as class 5).

Assembly Instruction must be followed and can be requested from DanCables.

## Construction

The bimetal construction prevents corrosion of the cable lug.

A beveled edge on the sleeve facilitates easier insertion of the conductor.

Press marking on the sleeve ensures correct crimping of the conductor.

Friction welding between the Cu palm and Al sleeve for the best possible mechanical strength.

Contact grease in the sleeve optimizes an oxide-free connection and durable sealing.

The cable lug has oil stop, achieved by making the palm out of solid Cu.

Al 99.5% - Cu 99.95% purity according to DIN EN 13601. Tested according to IEC 61238-1.

Complies with the RoHS directive. Is not subject to REACH regulation.

Production quality system according to ISO9001.



## \*Conductor type after DIN standard

(RM) = Multi-stranded round conductors, class 2

(SM) = Multi-stranded sector-shaped conductors, class 2

(SE) = Single-stranded sector-shaped conductors, class 1 (conductor must be round pressed)

Part no.	rm/sm* mm <sup>2</sup>	se* mm <sup>2</sup>	Bolt dia. mm	Alukaflex® mm <sup>2</sup>	C8 Tools Code	L1	L2	D1	D2	W1	Packing/ min. pcs
17100000	10	16	8	6	K10	60	16	5	10	20	120
17100005	10	16	10	6	K10	60	16	5	10	20	120
17100015	16	25	8	10	K12	70	26	5,6	12	20	120
17100020	16	25	10	10	K12	70	26	5,6	12	20	120
17100025	16	25	12	10	K12	74	26	5,6	12	26	120
17100030	25	50	8	16	K12	75	31	6,8	12	20	90
17100035	25	50	10	16	K12	75	31	6,8	12	20	90
17100040	25	50	12	16	K12	80	31	6,8	12	26	90



Part no.	rm/sm* mm <sup>2</sup>	se* mm <sup>2</sup>	Bolt dia. mm	Alukaflex® mm <sup>2</sup>	C8 Tools Code	L1	L2	D1	D2	W1	Packing/ min. pcs
17100045	35	50	8	25	K14	85	41	8	14	20	90
17100050	35	50	10	25	K14	85	41	8	14	20	90
17100055	35	50	12	25	K14	88	41	8	14	26	90
17100060	50	70	8	35	K16	85	41	9,8	16	20	80
17100065	50	70	10	35	K16	85	41	9,8	16	20	80
17100070	50	70	12	35	K16	88	41	9,8	16	26	80
17100075	70	95	8	50	K18	98	48	11,2	18,5	26	50
17100080	70	95	10	50	K18	98	48	11,2	18,5	26	50
17100085	70	95	12	50	K18	98	48	11,2	18,5	26	50
17100090	95	120	8	70	K22	99	48	13,2	22	26	50
17100095	95	120	10	70	K22	99	48	13,2	22	26	50
17100100	95	120	12	70	K22	99	48	13,2	22	26	50
17100105	120	150	10	95	K22	101	49	14,7	23	26	40
17100110	120	150	12	95	K22	101	49	14,7	23	26	40
17100115	120	150	16	95	K22	105	49	14,7	23	30	40
17100120	150	185	10	120	K25	115	58,5	16,3	25	30	30
17100125	150	185	12	120	K25	115	58,5	16,3	25	30	30
17100130	150	185	16	120	K25	115	58,5	16,3	25	30	30
17100135	185	240	10	150	K28	117	58,5	18,3	28,5	30	20
17100140	185	240	12	150	K28	117	58,5	18,3	28,5	30	20
17100145	185	240	16	150	K28	123	58,5	18,3	28,5	36	20
17100150	240	300	10	185	K32	128	69	21	32	30	15
17100155	240	300	12	185	K32	128	69	21	32	30	15
17100160	240	300	16	185	K32	134	69	21	32	36	15
17100165	300	300	10	240	K34	135,5	69	23,3	34	30	15
17100170	300	300	12	240	K34	135,5	69	23,3	34	30	15
17100175	300	300	16	240	K34	138,5	69	23,3	34	36	15
17100180	400	-	10	300	K38	145	70	26	38,5	36	9
17100185	400	-	12	300	K38	145	70	26	38,5	36	9
17100190	400	-	16	300	K38	145	70	26	38,5	36	9
17100195	500	-	10	400	K44	165	80	29	44	44	9
17100200	500	-	12	400	K44	165	80	29	44	44	6
17100205	500	-	16	400	K44	165	80	29	44	44	6
17100210	625	-	12	500	K52	205	111	35	52	50	N/A
17100215	625	-	16	500	K52	205	111	35	52	50	N/A
17100220	625	-	20	500	K52	205	111	35	52	50	N/A

The conductor cross-section specified is based on the DIN 60228 standard

However, it should be noted that DIN 60228 does not have binding physical dimensions for a conductor

Compressed conductor may face technical challenges with compatibility to DIN 46329.

Careful assessment of the products compatibility always must be done before use.