

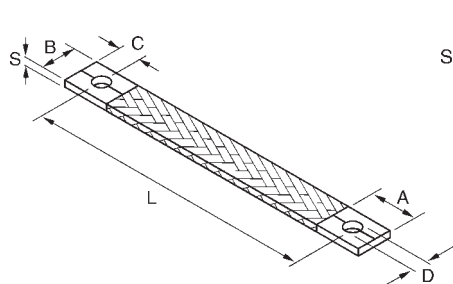
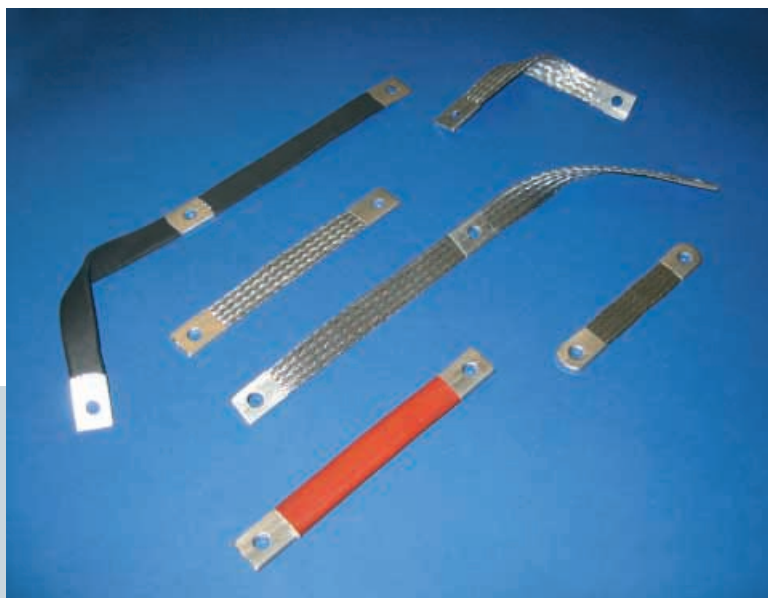
# Trecce di massa in alluminio

## Aluminium earthing straps

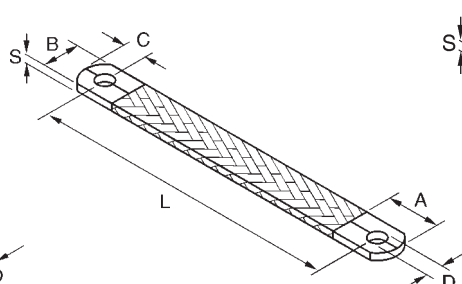
- Terminali in lamiera di alluminio  
*Aluminium connecting pads*
- Filo elementare / *Single wire*:  
Aluminium 1050 A / EN-AW1370

**Utilizzo: collegamenti equipotenziali di pannelli fotovoltaici per evitare fenomeni di elettrocorrosione.**

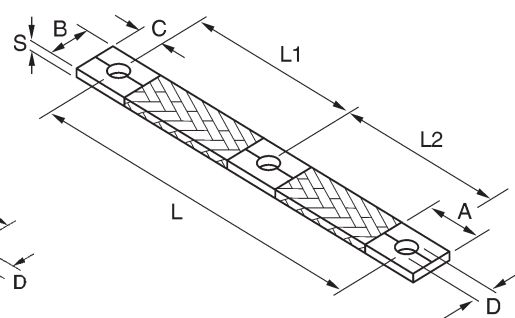
**Usable for: solar panel equipotential link, withstand at the electrocorrosion**



Terminale diritto D  
Standard terminal D



Terminale raggato T  
Curved terminal T



Terminale diritto D  
Standard terminal D

Aluminium	Sezione mm <sup>2</sup> <i>Cross-Section</i>	Ø Filo <i>Wire dia.</i>	A mm.	B mm.	C mm.	D mm.	S mm.	L mm.	L1/L2 mm.
CA16-100/030/07	16	0,30	23	17	10	7	3,0	100	-
CA16-100/030/09	16	0,30	23	17	10	9	3,0	100	-
CA16-100/030/11	16	0,30	23	17	10	11	3,0	100	-
CA16-150/030/07	16	0,30	23	17	10	7	3,0	100	-
CA16-150/030/09	16	0,30	23	17	10	9	3,0	100	-
CA16-150/030/11	16	0,30	23	17	10	11	3,0	100	-
CA16-200/030/07	16	0,30	23	17	10	7	3,0	100	-
CA16-200/030/09	16	0,30	23	17	10	9	3,0	100	-
CA16-200/030/11	16	0,30	23	17	10	11	3,0	100	-
CA16-100+100/030/07	16	0,30	23	17	10	7	3,0	200	100
CA16-100+100/030/09	16	0,30	23	17	10	9	3,0	200	100
CA16-100+100/030/11	16	0,30	23	17	10	11	3,0	200	100
CA16-150+150/030/07	16	0,30	23	17	10	7	3,0	300	150
CA16-150+150/030/09	16	0,30	23	17	10	9	3,0	300	150
CA16-150+150/030/11	16	0,30	23	17	10	11	3,0	300	150
CA16-200+200/030/07	16	0,30	23	17	10	7	3,0	400	200
CA16-200+200/030/09	16	0,30	23	17	10	9	3,0	400	200
CA16-200+200/030/11	16	0,30	23	17	10	11	3,0	400	200

Larghezze, lunghezze, sezioni e forature non comprese in tabella vengono allestite su richiesta.

ISOLAMENTO A RICHIESTA

- Silicone VGS
- Poliolefina nera PLF

Widths, lengths, cross-sections and bores are not included in table above, they are provided at request.

INSULATION UPON REQUEST

- silicon VGS
- black polyolefin PLF

## COR-FLEX ALUMINIUM EARTHING CONNECTION

type: Alu standard

### Characteristics:

The strands are wound like propellers but in opposite direction and tubular shape.

They are laminated in order to take on a rectangular shape.

Code: CA16-150/030/07

Value

Tolerance

### Flat braid uncoated aluminium:

nominal section

16,0 mm<sup>2</sup>

single wire diameter

dia 0,30mm

construction (crossing 53 x dm ± 3mm)

32x7x0,30

dimensions

15x2,5mm

- 0,001 / + 0,003mm  
width ± 0,5mm

### Earthing connection:

Hole to hole lenght (dimension L)

150mm

± 1,0mm

Diameter of the holes (dimension D)

7mm

± 0,5mm

Connecting pads (dimensions BxA)

17x23mm

± 0,5mm

### Conductor characteristics:

- Aluminium braid EN-AW1370 (1050A)
- Aluminium strip EN-AW1370 (1050A H18)

Usable for: Photovoltaics module  
PV modules  
Solar panel equipotential link  
withstand at the electrocorrosion

Unit

Value

### Chemical composition of the material 1050A:

- Al
- Cu
- Fe
- Mn
- Si
- Rm H18
- Rp0.2
- Hardness
- Elastic strenght

%min

99,7

%max

0,05

%max

0,40

%max

0,05

%max

0,24

Nmm<sup>2</sup>

160

Nmm<sup>2</sup>

130

Hb

38

%

4