









# SCREW CONNECTIONS

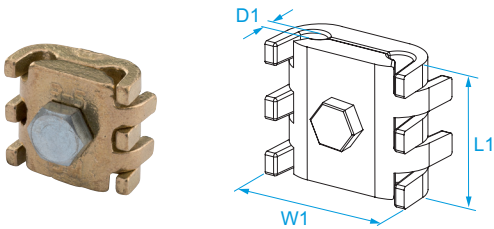
BRASS CLAMPING LUGS & EARTH LUGS

pag. 102

BRASS NICKEL PLATES TERMINAL LUGS

pag. 104

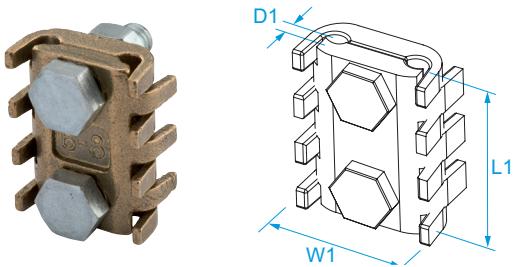
UNIVERSAL 1-BOLT COMB LUGS



**MATERIAL:** die-cast brass  
**SECTION:** main and derived conductor of the same section  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C  
**APPLICATIONS:** grounding systems, to connect copper wire ropes or copper conductors suitable for earthing

| Code | Section<br>(mm²) | Cable diameter<br>(mm) | W1<br>(mm) | L1<br>(mm) | Screw |         |
|------|------------------|------------------------|------------|------------|-------|---------|
| 5251 | 6 ÷ 16           | 3 ÷ 5                  | 25,5       | 20,5       | M6    | 100/100 |

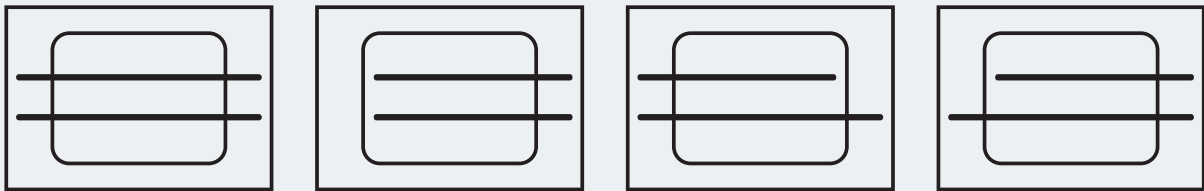
UNIVERSAL 2-BOLT COMB LUGS



**MATERIAL:** die-cast brass  
**SECTION:** main and derived conductor of the same or different section  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C  
**APPLICATIONS:** grounding systems, to connect copper wire ropes or copper conductors suitable for earthing

| Code | Section<br>(mm²) | Cable diameter<br>(mm) | W1<br>(mm) | L1<br>(mm) | Screw |         |
|------|------------------|------------------------|------------|------------|-------|---------|
| 5261 | 6 ÷ 16           | 3 ÷ 5                  | 25         | 32         | M6    | 100/100 |
| 5262 | 25 ÷ 50          | 6 ÷ 8                  | 32         | 38         | M8    | 100/100 |
| 5263 | 50 ÷ 70          | 9 ÷ 12                 | 42         | 45         | M8    | 50/50   |
| 5264 | 70 ÷ 95          | 12 ÷ 14                | 53         | 53         | M10   | 25/25   |
| 5265 | 95 ÷ 150         | 14 ÷ 16                | 54,5       | 57,5       | M10   | 20/20   |
| 5266 | 150 ÷ 300        | 16 ÷ 22                | 66         | 67         | M12   | 10/10   |

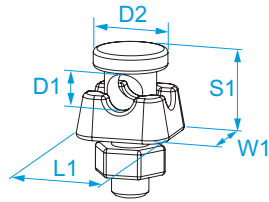
CONNECTION TYPES



## 1-BOLT EARTHING LUGS

**MATERIAL:** die-cast aluminium

**OPERATING TEMPERATURE:** from -50 °C to +150 °C

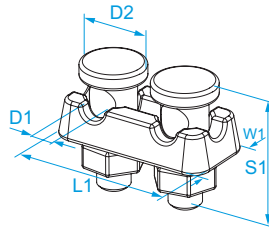


| Code | Section<br>(mm <sup>2</sup> ) | D1<br>(mm) | D2<br>(mm) | W1<br>(mm) | L1<br>(mm) | S1<br>(mm) | Screw |       |
|------|-------------------------------|------------|------------|------------|------------|------------|-------|-------|
| 22   | 50                            | 10         | 21         | 26         | 26,5       | 41         | M10   | 25/25 |

## 2-BOLT EARTHING LUGS

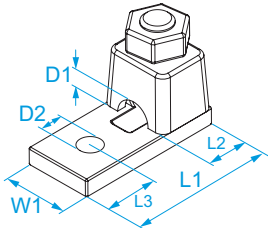
**MATERIAL:** die-cast aluminium

**OPERATING TEMPERATURE:** from -50 °C to +150 °C



| Code | Section<br>(mm <sup>2</sup> ) | D1<br>(mm) | D2<br>(mm) | W1<br>(mm) | L1<br>(mm) | S1<br>(mm) | Screw |       |
|------|-------------------------------|------------|------------|------------|------------|------------|-------|-------|
| 23   | 50                            | 10         | 21         | 26         | 51,5       | 41         | M10   | 25/50 |

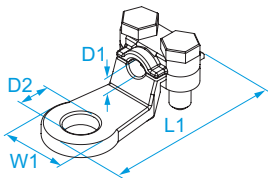
### 1-BOLT TERMINALS



**MATERIAL:** nickel-plated die-cast brass  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C

| Code | Section<br>(mm <sup>2</sup> ) | Cable diameter<br>(mm) | For screw<br>Ø screw<br>(mm) | For screw<br>Stud size | D1<br>(mm) | D2<br>(mm) | W1<br>(mm) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | Screw |  |
|------|-------------------------------|------------------------|------------------------------|------------------------|------------|------------|------------|------------|------------|------------|-------|-------------------------------------------------------------------------------------|
| 5160 | 4 ÷ 10                        | 2 ÷ 4                  | 5                            | #10                    | 4,2        | 5,25       | 12         | 26,5       | 12         | 7          | M5    | 100/100                                                                             |

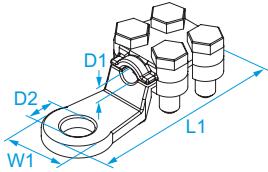
### 2-BOLT TERMINALS



**MATERIAL:** nickel-plated die-cast brass  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C

| Code | Section<br>(mm <sup>2</sup> ) | For screw<br>Ø screw<br>(mm) | For screw<br>Stud size | D1<br>(mm) | D2<br>(mm) | W1<br>(mm) | L1<br>(mm) | Screw |  |
|------|-------------------------------|------------------------------|------------------------|------------|------------|------------|------------|-------|-------------------------------------------------------------------------------------|
| 5140 | 10                            | 5                            | #10                    | 4          | 5,3        | 15         | 32         | M5    | 100/200                                                                             |
| 5141 | 16                            | 8                            | 5/16"                  | 5,1        | 8,5        | 15         | 35         | M5    | 200/200                                                                             |
| 5142 | 25                            | 8                            | 5/16"                  | 6,3        | 8,5        | 18,8       | 42         | M5    | 150/150                                                                             |
| 5143 | 35                            | 10                           | 3/8"                   | 7,5        | 10,5       | 21         | 48         | M5    | 100/100                                                                             |

### 4-BOLT TERMINALS



**MATERIAL:** nickel-plated die-cast brass  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C

| Code | Section<br>(mm <sup>2</sup> ) | For screw<br>Ø screw<br>(mm) | For screw<br>Stud size | D1<br>(mm) | D2<br>(mm) | W1<br>(mm) | L1<br>(mm) | Screw |         |
|------|-------------------------------|------------------------------|------------------------|------------|------------|------------|------------|-------|---------|
| 5144 | 50                            | 10                           | 3/8"                   | 9,5        | 10,5       | 23         | 56,5       | M6    | 100/100 |
| 5145 | 75                            | 12                           | 1/2"                   | 11         | 13,25      | 26         | 61         | M6    | 50/50   |