



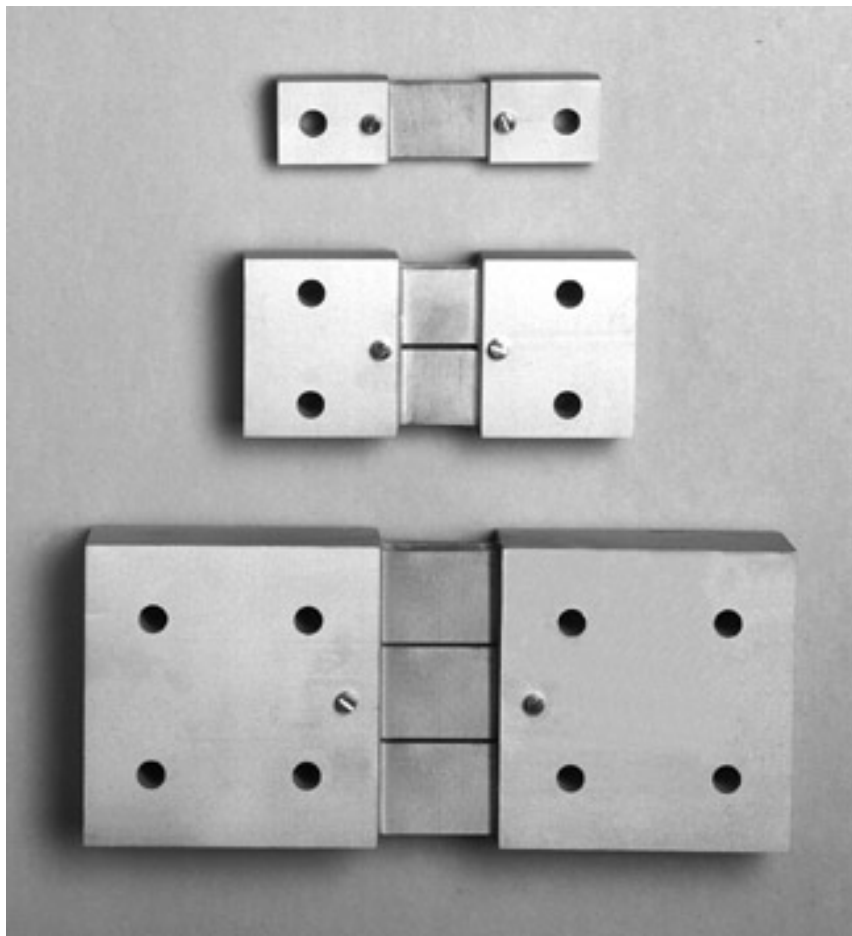
|                      |                          |                              |                            |                             |                         |
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|----------------------|--------------------------|------------------------------|----------------------------|-----------------------------|-------------------------|

## Standard Brass Ended

Our standard range of BS89/IEC51 class 1 or class 0.5 shunts can be current rated from 5A to 10000A with 50mV to 300mV output.

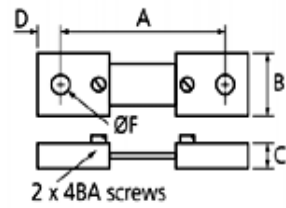
### Technical Specification

|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Operating Temperature:</b> | -20°C TO +40°C                                                                                   |
| <b>Permissible Overload:</b>  |                                                                                                  |
| Continuous                    | 1.2 x rated current                                                                              |
| 5 seconds                     | 5 x rated current up to 2kA                                                                      |
| 10 seconds                    | 2 x rated current for 2kA-5kA                                                                    |
| <b>Shunt Leads:</b>           | Millivolt leads can be supplied upon request (standard length = 760mm)                           |
| <b>Order example:</b>         | A brass ended shunt with 1000A rated current and 100mV output, class 1 is:<br>SHB1000A100-CLASS1 |

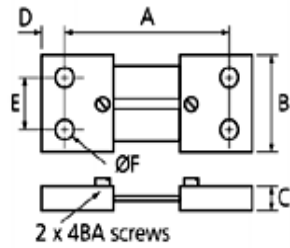


Dimensions (mm)

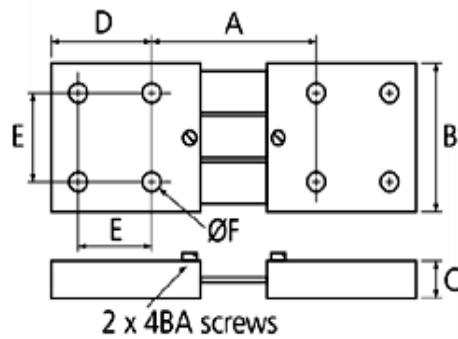
| Current<br>(A) | A    |      |      |      |       |       |       |       |       | B   | C  | D   | E  | F  |
|----------------|------|------|------|------|-------|-------|-------|-------|-------|-----|----|-----|----|----|
|                | Type | 50mV | 60mV | 75mV | 100mV | 150mV | 200mV | 250mV | 300mV |     |    |     |    |    |
| 5-35           | 1    | 95   | 95   | 95   | 114   | 114   | 172   | 172   | 167   | 22  | 10 | 11  | -  | 7  |
| 40-200         | 1    | 95   | 95   | 95   | 114   | 114   | 172   | 172   | 267   | 32  | 12 | 13  | -  | 10 |
| 225-440        | 1    | 95   | 95   | 95   | 114   | 121   | 172   | 172   | 267   | 32  | 20 | 25  | -  | 10 |
| 450-1700       | 2    | 95   | 95   | 95   | 114   | 121   | 172   | 172   | 267   | 67  | 25 | 25  | 41 | 10 |
| 1800-3400      | 3    | 95   | 95   | 95   | 114   | 121   | 172   | -     | -     | 111 | 38 | 81  | 57 | 10 |
| 3500-5000      | 3    | 95   | 95   | 95   | 114   | 121   | -     | -     | -     | 140 | 38 | 114 | 90 | 12 |
| 5500-7000      | 4    | 83   | 83   | 96   | -     | -     | -     | -     | -     | 230 | 38 | 114 | 90 | 12 |
| 7500-10000     | 5    | 83   | 83   | 96   | -     | -     | -     | -     | -     | 320 | 38 | 114 | 90 | 12 |



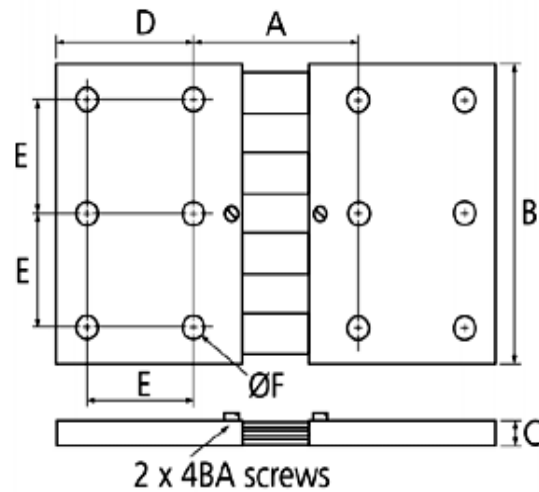
Type 1



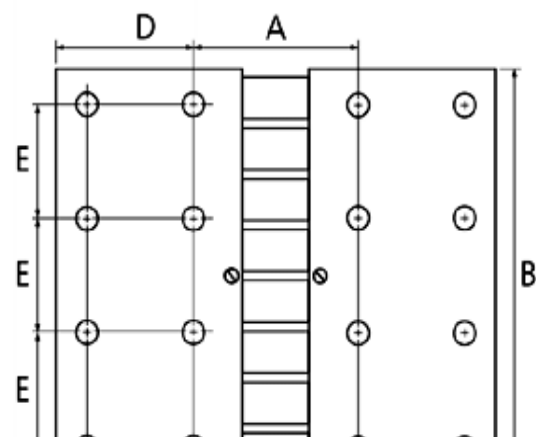
Type 2



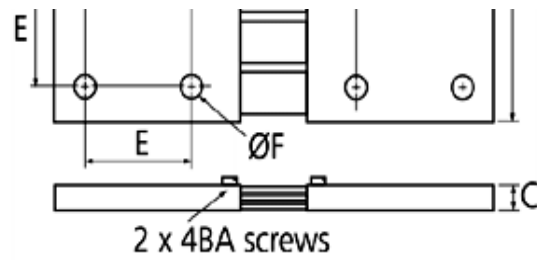
Type 3



Type 4



Type 5



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