

# Chardon Shear Bolt Connector



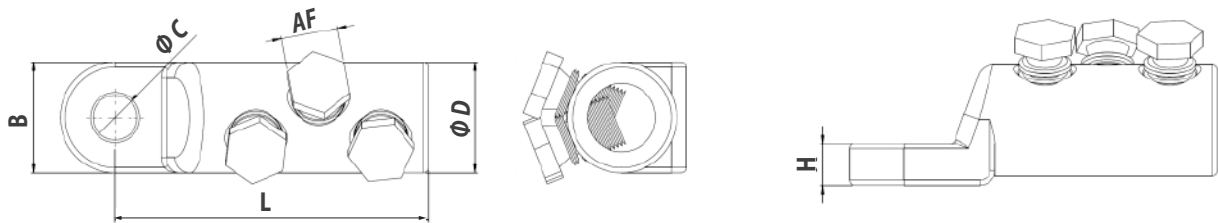
APPLICATION

Chardon Shear Bolt Connectors are designed for use in low and medium voltage connection. The tool required is a standard ratchet wrench with a hexagonal socket; no crimping tool is needed in field operation.

The connector is manufactured from high conductivity aluminum for heavy duty utility

application. The cable entry opening is chamfered inside to provide easy insertion of cable. The shear bolts in the connector ensures the correct torque and optimal contact force and ensure a reliable current path.

ORDERING INFORMATION

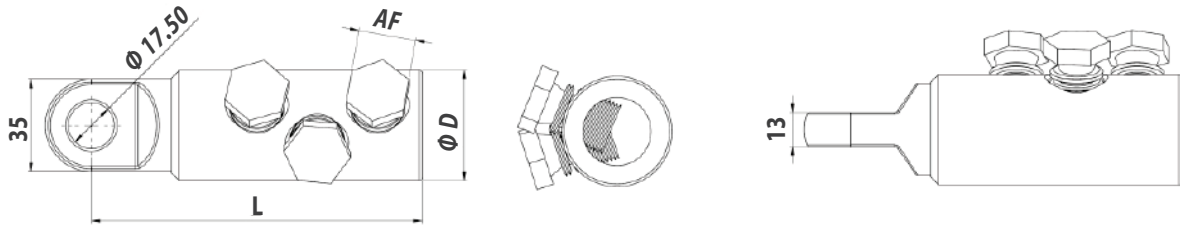


DIMENSION INFORMATION OF "SBC-A SERIES"

| CATALOG No.        | Conductor Range (mm²) | Dimensions (mm) |       |    |    |    | AF Head Size | Bolt Quantity |
|--------------------|-----------------------|-----------------|-------|----|----|----|--------------|---------------|
|                    |                       | φD              | L     | B  | H  | φC |              |               |
| SBC-A-25-50-12/1   | 25 - 50               | 24              | 64.5  | 24 | 9  | 13 | 13           | 1             |
| SBC-A-25-50-16/1   |                       |                 |       |    |    | 17 |              |               |
| SBC-A-70-95-12/1   | 70 - 95               | 24              | 64.5  | 24 | 9  | 13 | 13           | 1             |
| SBC-A-70-95-16/1   |                       |                 |       |    |    | 17 |              |               |
| SBC-A-95-150-12/2  | 95 - 150              | 28              | 85.0  | 28 | 10 | 13 | 17           | 2             |
| SBC-A-95-150-16/2  |                       |                 |       |    |    | 17 |              |               |
| SBC-A-150-240-12/2 | 150 - 240             | 33              | 97.5  | 33 | 13 | 13 | 19           | 2             |
| SBC-A-150-240-16/2 |                       |                 |       |    |    | 17 |              |               |
| SBC-A-240-300-12/2 | 240 - 300             | 38              | 116.5 | 38 | 14 | 13 | 22           | 2             |
| SBC-A-240-300-16/2 |                       |                 |       |    |    | 17 |              |               |
| SBC-A-300-400-12/3 | 300 - 400             | 42              | 120   | 42 | 16 | 13 | 22           | 3             |
| SBC-A-300-400-16/3 |                       |                 |       |    |    | 17 |              |               |

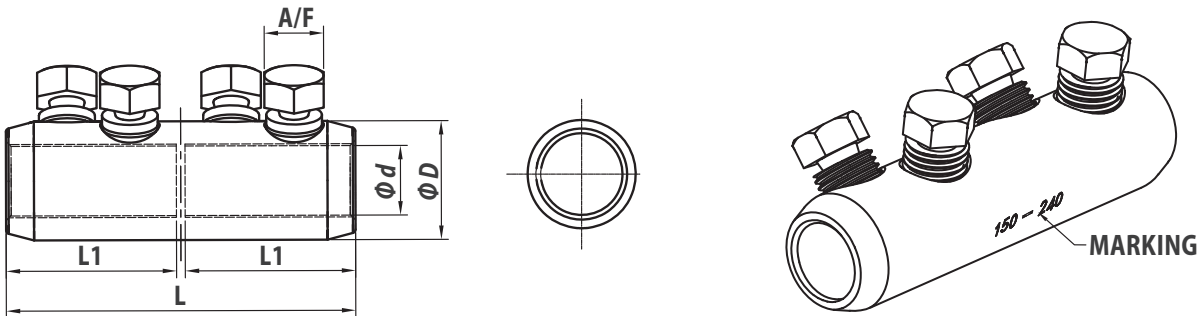
• SBC-090418-REV05

ORDERING INFORMATION



DIMENSION INFORMATION OF "SBC-B SERIES"

| CATALOG No.     | Conductor Range (mm²) | Dimensions (mm) |     | AF Head Size | Bolt Quantity |
|-----------------|-----------------------|-----------------|-----|--------------|---------------|
|                 |                       | φD              | L   |              |               |
| SBC-B-25-50/1   | 25 - 50               | 24              | 71  | 13           | 1             |
| SBC-B-70-95/1   | 70 - 95               | 24              | 71  | 13           | 1             |
| SBC-B-70-120/2  | 70 - 120              | 33              | 103 | 19           | 2             |
| SBC-B-150-240/2 | 150 - 240             | 33              | 103 | 19           | 2             |
| SBC-B-300-400/3 | 300 - 400             | 42              | 126 | 22           | 3             |
| SBC-B-500/3     | 500                   | 48              | 142 | 24           | 3             |
| SBC-B-500-630/3 | 500 - 630             | 52              | 142 | 24           | 3             |



DIMENSION INFORMATION OF "SBSC"

| CATALOG No.      | Conductor Range (mm²) | Dimensions (mm) |      |    |      | AF Head Size | Bolt Quantity |
|------------------|-----------------------|-----------------|------|----|------|--------------|---------------|
|                  |                       | L               | L1   | D  | d    |              |               |
| SBSC-25-50/2/C   | 25 - 50               | 70              | 33.5 | 24 | 9    | 13           | 2             |
| SBSC-70-95/2/C   | 70 - 95               | 70              | 33.5 | 24 | 13.3 | 13           | 2             |
| SBSC-95-150/4/C  | 95 - 120              | 106             | 51.5 | 28 | 16   | 17           | 4             |
| SBSC-150-240/4/C | 150 - 240             | 125             | 61   | 33 | 20   | 19           | 4             |
| SBSC-240-300/4/C | 240 - 300             | 140             | 68   | 38 | 24   | 22           | 4             |
| SBSC-300-400/6/C | 300 - 400             | 170             | 83   | 42 | 26   | 22           | 6             |
| SBSC-500-630/6/C | 500 - 630             | 200             | 97   | 52 | 33   | 24           | 6             |



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