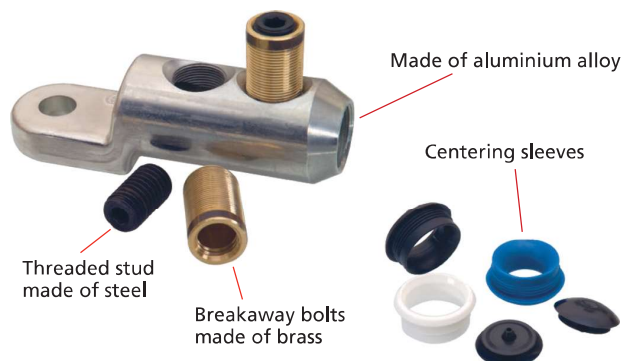


# Cable terminations

## Shear-Bolt Connectors

Only 3 sizes of connector required to cover conductors 10 to 300mm<sup>2</sup>

- Greatly reduces installation time - no need for crimp tools, only impact driver with Allen Key
- The best connections for voltages up to 36kV
- Suitable for both copper and aluminium – stranded or solid
- Innovative slip-disc base design to ensure no damage to the conductors
- Bolts always shear-off below barrel of terminal – 98 separate breaking points
- Guaranteed electrical and mechanical connection



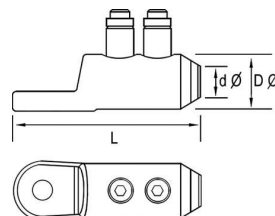
### The Bolted Connector with Stepless Shear Bolts for Low and Medium Voltage Cables

Technical Features:

- Large clamping range: 10 - 95mm<sup>2</sup>; 25 - 150mm<sup>2</sup>; 50 - 240mm<sup>2</sup>; 95 - 300mm<sup>2</sup>; 300 - 630mm<sup>2</sup>; 6 - 3/0 kcm; 2 - 250 kcm; 1/0 - 500 kcm; 4/0 - 600 kcm; 500 - 1000 kcm (others on request)
- Centric cable guide with different centring sleeves
- Conductor channels with transverse groove and protection against conductor oxidation
- Blind hole designed as pressure-resistant oil barrier for impregnated cables
- Compact design: Rounded edges and flat transitions suitable for slide-on and shrink sleeves
- Contact technology type-tested to IEC 61238-1
- Proven in joint tests to HD 629 and in 18-month endurance test

## Shear Bolt Connectors

Part No.	Dimensions in mm			No. of Screws	Round (mm <sup>2</sup> )	Round and Compacted (mm <sup>2</sup> )	Solid Alum. & Copper Cond. (mm <sup>2</sup> )	Hexagon Key	Mounting Hole (mm)
	DØ	dØ	L						
<b>SBC10-95</b>	24	13	70	1	10-95	10-95	10-70	4mm-3/16"	13
<b>SBC50-240</b>	33	20	115	2	50-185	50-240	50-185	6mm-1/4"	13
<b>SBC95-300</b>	38	24	120	2	95-300	95-300	95-240	8mm-5/16"	13



## Shear Bolt Splice Connectors

Part No.	Dimensions in mm			No. of Screws	Round (mm <sup>2</sup> )	Round and Compacted (mm <sup>2</sup> )	Solid Alum. & Copper Cond. (mm <sup>2</sup> )	Hexagon Key
	DØ	dØ	L					
<b>SBS10-95</b>	24	13	65	2	10-95	10-95	10-70	4mm-3/16"
<b>SBS50-240</b>	33	20	126	4	50-185	50-240	50-185	6mm-1/4"
<b>SBS95-300</b>	38	24	140	4	95-300	95-300	95-240	8mm-5/16"

