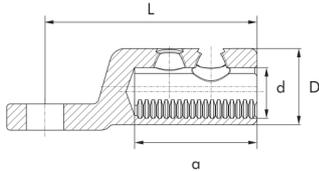
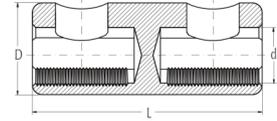


Mechanical Connectors and Lugs 0.6/1 kV with sector channel, and shear-off-head bolts



Connector Body: Tin plated high strength aluminum With Water/Oil Block

Bolt: Double shear off High Strength aluminum



Lug Body: Tin plated high strength aluminum

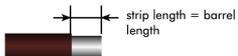
Bolt: Double shear off High Strength Aluminum



Clamping range for conductors acc. to VDE 0295, table 5-9

stock code lugs	stock code links	Work step	Aluminium in mm ²				Copper in mm ²			Tool size	Tool size acc. to DIN 7422	Recommended Heatshrink (GT4)
			●	●	●	●	●	●	●			
D1.5-35x10SK-V-K		8.	10-16	-	10-16	-	1.5-10	-	1.5-10	SW5	Nexans GT4-20 (23-6mm)	
		8. & 9.	25-35	35	25-35	35	16-35	35	16-35			
D4-50x12SK-V-K	D4-50SV-T-V-K	8.	10-25	-	10-25	-	4-25	-	4-16	SW5	Nexans GT4-20 (23-6mm)	
		8. & 9.	35-50	35-50	35-50	35-50	35-50	35-50	25-35			
D16-95x12SK-V-K	D16-95SV-T-V-K	7.	16-95	35-95	16-95	35-95	16-95	35-95	16-35	SW10	Nexans GT4-30 (34-8mm)	
D25-150x12SK-V-K	D25-150SV-T-V-K	8.	25-95	35-120	25-70	35-95	25-70	35-95	16-35	SW6	Nexans GT4-40 (41-12mm)	
		8. & 9.	120-150	150	95-150	120-150	95-150	120-150	-			
D50-240x12SK-V-K	D50-240SV-T-V-K	7.	50-150	50-150	50-120	50-120	50-150	50-120	-	SW8	Nexans GT4-40 (41-12mm)	
		7. & 8.	185-240	185-240	150-240	150-240	185-240	150-240	-			

1. Remove insulation of cable to strip length.



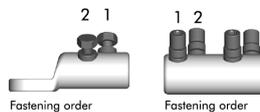
2. Brush Al-conductor to break up the oxide layer and insert into barrel immediately.

3. Sector shaped conductor has to be positioned before inserting:



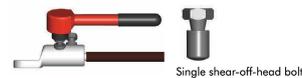
4. Do not remove the bolts before installation.

5. Fasten bolts alternating slowly and steadily until conductor contact. Start fastening the outer bolt (1) and go on with the inner bolt (2), if more than one exist.

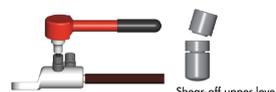


6. To avoid turning of conductor and cable lug while mounting, please use our assistance tool.

Attention: During the installation insert Allen Key always as far as possible into the bolts! Do not use worn out installation tools!

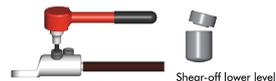


7. **Cable lug with single shear-off-head bolt.** Fasten bolts alternating and slowly with the corresponding tool until the head shears off at upper level. Follow fastening order!



8. **Cable lug with double shear-off-head bolt.** Fasten bolts alternating and slowly with the corresponding tool until the head shears off at upper level. Follow fastening order!

Attention: Don't bend the tool!



9. In case of big conductor crosssections out of range defined in table above: re-insert Allen Key and shear off at lower level.