

**Screw connectors, 25 - 95 mm<sup>2</sup>**

For insulated conductors

- For connecting identical and different conductor cross-sections
- Also for connecting different conductor types and materials, e.g. to VDE 0295 Class 1 and 2 and Al conductors to DIN 48201 part 1

**Characteristics**

- Version with 2 shear-off screws
- With shear head

**Material**

- Insulated body: high resistant aluminium alloy
- Screws: copper alloy, tin plated and greased

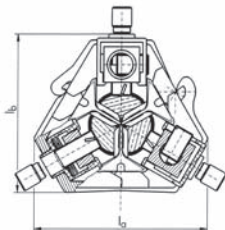
**Surface**

- bright, optional tin plated

**Order info**

- sm/se-conductor needs to be pre-rounded
- rm (v) = round stranded, compacted
- rm = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

Cross section mm <sup>2</sup>		Part No.	Dimensions mm L	External hexagon	Internal hexagon	Tightening torque Nm	Weight/100 pcs. ~ kg	pcs.
rm/sm	rm(v)/re/se							
25-70	25-95	<b>SV501</b>	70	SW17	SW6	25	6.6	4
25-70	25-95	<b>SV501V</b>	70	SW17	SW6	25	6.6	4



**Compact tap connectors**

For three conductor cable

- To VDE, can be installed under voltage with corresponding fully-insulated assembly tools
- Suitable for main and branch conductors made from Al and Cu

**Characteristics**

- With shear heads, fixed type, for main conductor

**Order info**

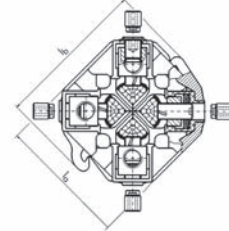
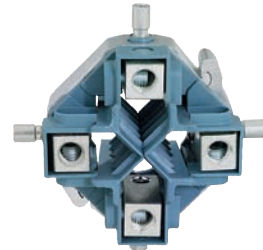
- sm/se-conductor needs to be pre-rounded
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Nominal cross-section mm <sup>2</sup>				Tap conductor		Part No.	Data			Bolts			Weight/100 pcs. ~ kg	pcs.
Main conductor				rm/sm	rm(v)/re/se		Dimensions mm			Circle Ø		Thread DIN 13		
Cu	Cu	Al	Al			la	lb	Width:	flats mm					
70 - 150	70 - 150	70 - 150	70 - 150	6 - 70	6 - 95	<b>KSK1503</b>	84	76	45	90	5	M10x1/M10	0.35	1

**■ Compact tap connectors**

For four conductor cable

- To VDE, can be installed under voltage with corresponding fully-insulated assembly tools
- Suitable for main and branch conductors made from Al and Cu



**Characteristics**

- With shear heads, fixed type, for main conductor

**Order info**

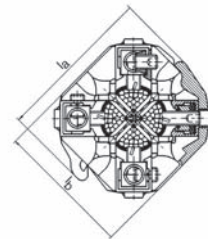
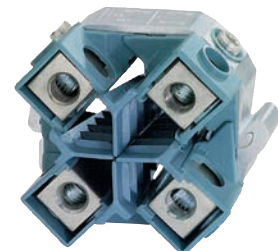
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Nominal cross-section mm <sup>2</sup>				Tap conductor		Part No.	Data			Bolts			Weight/ 100 pcs. ~ kg	pcs.
Main conductor				rm/sm	rm(v)/re/se		Dimensions mm			Circle Ø   flats mm		Thread DIN 13		
Cu rm/sm	Cu rm(v)/re/se	Al rm/sm	Al rm(v)/re/se			la	lb	Width:	Circle Ø	flats mm	Thread DIN 13			
70 - 150	70 - 150	70 - 150	70 - 150	6 - 70	6 - 95	<b>KSK1504</b>	107	90	46	110	5	M10x1/M10	0.63	1
70 - 150	70 - 150	70 - 150	70 - 185	6 - 35	6 - 50	<b>KSK1854</b>	107	90	52	106	5	M10x1/M10	0.58	1

**■ Compact tap connectors**

For four conductor cable

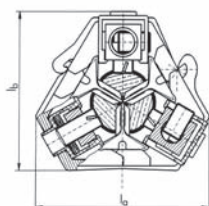
- To VDE, can be installed under voltage with corresponding fully-insulated assembly tools
- Suitable for main and branch conductors made from Al and Cu



**Order info**

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- Please observe instructions on page i-10

Nominal cross-section mm <sup>2</sup>				Tap conductor		Part No.	Data			Bolts			Weight/ 100 pcs. ~ kg	pcs.
Main conductor				rm/sm	rm(v)/re/se		Dimensions mm			Circle Ø   flats mm		Thread DIN 13		
Cu rm/sm	Cu rm(v)/re/se	Al rm/sm	Al rm(v)/re/se			la	lb	Width:	Circle Ø	flats mm	Thread DIN 13			
25 - 50	25 - 50	25 - 50	25 - 70	6 - 35	6 - 50	<b>KSK504</b>	88	75	50	91	5	M10x1/M10	0.46	1



### Compact tap connectors

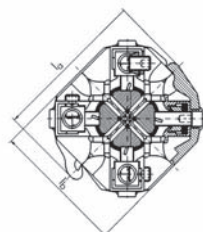
For three conductor cable

- To VDE, can be installed under voltage with corresponding fully-insulated assembly tools
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Nominal cross-section mm <sup>2</sup>				Tap conductor		Part No.	Data			Bolts			Weight/ 100 pcs. ~ kg	pcs.
Main conductor		Al		rm/sm	rm(v)/re/se		Dimensions mm			Circle Ø	flats mm	Thread DIN 13		
Cu rm/sm	Cu rm(v)/re/se	Al rm/sm	Al rm(v)/re/se			la	lb	Width:						
70 - 150	70 - 150	70 - 150	70 - 150	6 - 70	6 - 95	<b>SKR1503</b>	84	76	45	90	5	M10x1/M10	0.38	1



### Compact tap connectors

For four conductor cable

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Nominal cross-section mm <sup>2</sup>				Tap conductor		Part No.	Data			Bolts			Weight/ 100 pcs. ~ kg	pcs.
Main conductor		Al		rm/sm	rm(v)/re/se		Dimensions mm			Circle Ø	flats mm	Thread DIN 13		
Cu rm/sm	Cu rm(v)/re/se	Al rm/sm	Al rm(v)/re/se			la	lb	Width:						
70 - 95	70 - 95	70 - 95	70 - 120	6 - 35	6 - 50	<b>SKR1204</b>	90	77	50	93	5	M10x1/M10	0.46	1
70 - 120	70 - 120	70 - 120	70 - 150	6 - 35	6 - 50	<b>SKR150504</b>	93	80	50	62	5	M10x1/M10	0.46	1
70 - 120	70 - 120	70 - 150	70 - 150	6 - 70	6 - 95	<b>SKR1504</b>	107	90	46	110	5	M10x1/M10	0.62	1
95 - 150	95 - 150	95 - 150	95 - 150	16 - 120	16 - 150	<b>SKR1501504</b>	118	118	93	120	5	M12x1/M12	1.34	1
95 - 150	95 - 150	95 - 150	95 - 185	6 - 70	6 - 95	<b>SKR1854</b>	107	96	46	114	5	M10x1/M10	0.58	1

**Insulated tools according to VDE 0680 part 2/3.78**

For correct assembly we recommend use of our hexagonal and torque wrenches and expander wedges. Length of handles of hexagonal wrenches guarantees correct torque. The torque wrench achieves the required torque value.

 <p>Angle hexagonal wrench <b>K 601 for SW 5</b> <b>K 602 for SW 6</b></p>	 <p>Hexagonal wrench <b>K 606 for SW 5</b> <b>K 607 for SW 6</b></p>	 <p>Expander wedge <b>K 610</b></p>	 <p>Torque wrench 20 Nm: <b>K615</b> Hexagonal bit SW 5: <b>K6151</b> <b>K 615 / K 6151</b></p>
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