



Screw connector, bright finish 6 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Without shear head
- Version with 2 screws

Material

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

Surface

bright

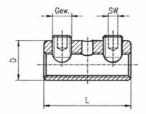
- sm/se-conductor needs to be pre-rounded
- rm (v) = round stranded, compacted
- rm = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

٠	Cross section mm ²	Cross section mm²		Dimens	ions mm		Data on bolts		Weight/ 100 pcs.	
1		rm(v)/re/se	Part No.		D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
	6 - 25	6 - 35	SV303	40	14	4	M8x1	8	1.5	4
	6 - 35	6 - 50	SV300	40	16	4	M10x2	8	1.7	4
	25 - 95	25 - 95	SV301	55	25	5	M12x16	20	6.6	4
		35 - 150	SV308	70	28	6	M18x1.5	25	11.3	4
	35 - 185	35 - 185	SV302	80	32	6	M18x1.5	25	16	4









Screw connector, tin plated 2.5 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Without shear head
- Version with 2 screws

Material

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

Surface

tin plated

- sm/se-conductor needs to be pre-rounded
- * = fixed version, part number appendix "NL"
- Version with fixed countersink shear head, part number appendix "VK"
- 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 ²	Cross section mm ²		Dimens	ions mm		Data on bolts		Weight/ 100 pcs.	
rm/sm	rm(v)/re/se	Part No.	L	D	flats mm	Thread DIN 13	Md Nm		pcs.
6 - 25	6 - 35	SV303V	40	14	4	M8x1	8	1.5	4
Cu 2.5/Al 6 - 35	Cu 2.5/Al 6 - 50	SV300V	40	16	4	M10x2	8	1.7	4
16 - 35	16 - 50	SV307V	57	22	5	M10x1.5	15	4.7	4
25 - 95*	25 - 95	SV301V	55	25	5	M12x16	20	6.6	4
35 - 185	35 - 185	SV302V	80	32	6	M18x1.5	25	16	4







Screw connector, bright finish, screws with shear head 6 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- With shear head, partly fixed
- Version with 2 screws

Material

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

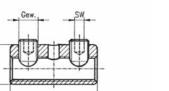
Surface

bright

- sm/se-conductor needs to be pre-rounded
- * = fixed version, part number appendix "NL"
- Version with fixed countersink shear head, part number appendix "VK"
- rm (v) = round stranded, compacted
- rm = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

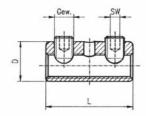
	cross section mm²	Cross section mm ²		Dimens	ions mm		Data on boits		weight/ 100 pcs.	
			Part No.		D	flats mm	Thread DIN 13	Md Nm		pcs.
	6 - 25	6 - 35	*SV303AK	40	14	4	M8x1	8	1.5	1
	6 - 35		SV304AKNL	40	16	4	M10x1	8	1.7	4
	16 - 35	16 - 50	SV307AKNL	57	22	5	M10x1.5	15	4.7	4
Ī	25 - 95	25 - 95	SV301AK	55	25	5	M12x16	20	6.6	4
	35 - 185	35 - 185	SV302AK	80	32	6	M18x1.5	25	16	4











Screw connector, with shear head tin plated 2.5 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- With shear head, partly fixed
- Version with 2 screws

Material

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

Surface

tin plated

- sm/se-conductor needs to be pre-rounded
- Fixed version, part number appendix "NL"
- ** = Version with fixed countersink shear head, part number appendix "VK"
- rm (v) = round stranded, compacted
- m = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

Cross section mm²	Cross section mm ²		Dimens	ions mm	flats	Data on bolts		Weight/ 100 pcs.	
rm/sm		Part No.			mm	Thread DIN 13	Md Nm		pcs.
Cu 2.5/Al 6 - 35	Cu 2.5/Al 6-50	SV304AKNLV	40	16	4	M10x1	8	1.7	1
25 - 95	25 - 95	**SV301AKV	25	55	5	M12x16	20	6.6	4
35 - 185	35 - 185	SV302AKV	80	32	6	M18x1.5	25	16	4





Screw connector, bright finish 6 - 185 mm²

- 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

Special grooved profile inside for removing the oxidation layer when screwing

SV309

SV320

SV310

25 - 95 35 - 150

35 - 185

- Without shear head
- Version with 2 screws and barrier

Material

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

Surface

bright

Order info

- sm/se-conductor needs to be pre-rounded
- rm (v) = round stranded, compacted
- rm = round stranded
- re = round solid
- sm = sector stranded

25 - 95

35 - 185

se = sector solid

i	Please obser	rve instructions o	n page i-9								
ì	Cross section mm²	Cross section mm²	_	D	imensions n	nm		Data on bolts		Weight/ 100 pcs.	
1			Part No.				flats mm	Thread DIN 13	Md Nm		pcs.
Γ	6 - 35	6 - 50	SV315	40	17.5	16	4	M10x1	8	1.7	4

22

31

32

25

28

32

5

6

6

M12x1

M18x1.5

M18x1.5

20

25

25

6.6

11.3

16

4

4

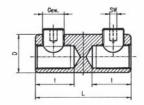
4

55

70

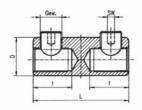
80











■ Screw connector, tin plated 2.5 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- Without shear head
- Version with 2 screws and barrier

Material

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

Surface

tin plated

- 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 mm²	Cross section mm²		D	imensions r	nm		Data on bolts		Weight/ 100 pcs.	
			Part No.	L			flats mm	Thread DIN 13	Md Nm		pcs.
	Cu 2.5/Al 6 - 35	Cu 2.5/Al 6 - 50	SV315V	40	17.5	16	4	M10x1	8	1.7	4
ĺ	25 - 95	25 - 95	SV309V	55	22	25	5	M12x1	20	6.6	4
		35 - 150	SV320V	70	31	28	6	M18x1.5	25	11.3	4
ĺ	35 - 185	35 - 185	SV310V	80	32	32	6	M18x1.5	25	16	4





Screw connector, bright finish, screws with shear head 6 - 150 mm²

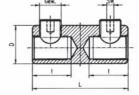
- For connecting identical and different conductor cross-sections
- Also for connecting different conductor types and materials, e.g. to VDE 0295 Class 1 and 2 and Al conductors to DIN 48201 part 1

Characteristics

- Special grooved profile inside for removing the oxidation layer when screwing
- With shear head, partly fixed
- Version with 2 screws and barrier

Material

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



Surface

bright

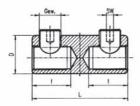
- sm/se-conductor needs to be pre-rounded
- Fixed version, part number appendix "NL"
- Version with fixed countersink shear head, part number appendix "VK"
- rm (v) = round stranded, compacted
- rm = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

Cross section mm²	Cross section mm²		D	imensions r	nm		Data on bolts		Weight/ 100 pcs.	
rm/sm		Part No.				flats mm	Thread DIN 13	Md Nm		pcs.
6 - 25	6 - 35	SV311AKNL	40	17.5	14	4	M8x1	8	1.5	4
6 - 35		SV312AKNL	40	17.5	16	4	M10x1	8	1.7	4
25 - 95	25 - 95	SV309AK	55	22	25	5	M12x1	20	6.6	4
35 - 185	35 - 185	SV310AKV	80	32	32	6	M18x1.5	25	16	4
70 - 150	95 - 150	SV322AKVK	80	32	32	6	M18x1.5	25	21.6	4

KlauKe®

Clamps and screw connectors





Screw connector, tin plated, screws with shear head 2.5 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With shear head, partly fixed
- Version with 2 screws and barrier

Material

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

Surface

tin plated

- sm/se-conductor needs to be pre-rounded
- Fixed version, part number appendix "NL"
- ** = Version with fixed countersink shear head, part number appendix "VK"
- rm = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

ı	Cross section mm²	Cross section mm²		D	imensions r	nm		Data on bolts		Weight/ 100 pcs.	
ı			Part No.	L	1	D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
	Cu 2.5/Al 6-35	Cu 2.5/Al 6-50	SV312AKNLV	40	17.5	16	4	M10x1	8	1.7	4
	16 - 35	16 - 50	SV319AKNLV	57	24	22	4	M12x1	15	7.6	4
	25 - 95	25 - 95	**SV309AKV	55	22	25	5	M12x1	20	6.6	4
	35 - 185	35 - 185	**SV310AKV	80	32	32	6	M18x1.5	25	16	4





Screw connector, bright finish 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Without shear head
- Version with 4 screws

Material

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

Surface

bright

- 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

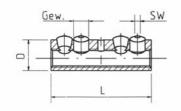
Cross section mm²	cross section mm ²		Dimens	ions mm		Data on boits		weignt/ 100 pcs.	
		Part No.	L	D	flats mm	Thread DIN 13	Md Nm		pcs.
25 - 95	25 - 95	SV305	92	25	5	M12x1	20	12	4
35 - 185	35 - 185	SV306	108	32	6	M18x1.5	25	25	4











Screw connector, tin plated 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Without shear head
- Version with 4 screws

Material

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

Surface

tin plated

- 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

ı	Cross section mm²	Cross section mm²		Dimens	ions mm		Data on bolts		Weight/ 100 pcs.	
ı			Part No.		D	flats mm	Thread DIN 13	Md Nm		pcs.
ſ	25 - 95	25 - 95	SV305V	92	25	5	M12x1	20	12	4
	35 - 185	35 - 185	SV306V	108	32	6	M18x1.5	25	25	4



Screw connector, bright finish, screws with shear head 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- With shear head
- Version with 4 screws

Material

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

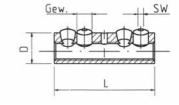
Surface

bright

- 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

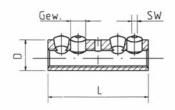
Cross section mm²	Cross section mm²		Dimens	ions mm		Data on bolts		Weight/ 100 pcs.	
		Part No.		D	flats mm	Thread DIN 13	Md Nm		pcs.
25 - 95	25 - 95	SV305AK	92	25	5	M12x1	20	12	4
35 - 185	35 - 185	SV306AK	108	32	6	M18x1.5	25	25	4











■ Screw connector, tin plated, screws with shear head 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- With shear head
- Version with 4 screws

Material

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

Surface

tin plated

- 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 ²	Cross section mm ²		Dimens	ions mm		Data on bolts		Weight/ 100 pcs.	
		Part No.	L	D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
25 - 95	25 - 95	SV305AKV	92	25	5	M12x1	20	12	4
35 - 185	35 - 185	SV306AKV	108	32	6	M18x1.5	25	25	4





Insulated screw connector, bright finish 6 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Insulated body
- Version with 2 screws, without barrier
- Without shear head

Material

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

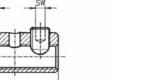
Surface

bright

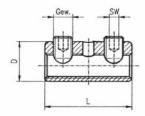
- sm/se-conductor needs to be pre-rounded
- rm (v) = round stranded, compacted
- m = round stranded
- re = round solid
- sm = sector stranded
- se = sector solid
- Please observe instructions on page i-9

Cross section mm²	Cross section mm²		Dimens	ions mm		Data on bolts	Weight/ 100 pcs.		
	rm(v)/re/se	Part No.	L	D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
6 - 25	6 - 35	SV400	40	14	4	M8x1	8	1.7	4
25 - 95	25 - 95	SV410	55	25	5	M12x1	20	6	4
35 - 185	35 - 185	SV420	80	32	6	M18x1.5	25	14.5	4









Insulated screw connector, tin plated 16 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Insulated body
- Version with 2 screws, without barrier
- Without shear head

Material

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

Surface

tin plated

- 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
- * = black insulation
- Please observe instructions on page i-9

Cross section mm²	Cross section mm²		Dimensions mm		Data on bolts			Weight/ 100 pcs.	
rm/sm		Part No.	L	D	flats mm	Thread DIN 13	Md Nm		pcs.
16 - 35	16 - 50	*SV405V	57	22	5	M10x1.5	15	5	4
35 - 185	35 - 185	SV420V	80	32	6	M18x1.5	25	14.5	4





Insulated screw connector, bright finish, screws with shear head 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- With inspection hole for cable entry monitoring (disimilar materials must not come into contact)
- Insulated body
- Version with 2 screws, without barrier
- With shear head

Material

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

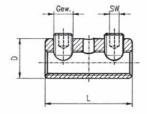
Surface

bright

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

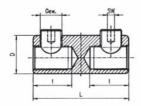
mm²	mm ²		Diffierts	10115 111111		Data on boits	weight/ 100 pcs.		
	rm(v)/re/se	Part No.		D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
25 - 95	25 - 95	SV410AK	55	25	5	M12x1	20	6	4
35 - 185	35 - 185	SV420AK	80	32	6	M18x1.5	25	14.5	4











Insulated screw connector, bright finish 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- Insulated body
- Version with 2 screws and barrier
- Without shear head

Material

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

Surface

bright

- 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

ı	mm ²	mm²						. Data on boits	100 pcs.		
ı		rm(v)/re/se	Part No.		1		flats mm	Thread DIN 13	Md Nm		pcs.
Γ	25 - 95	25 - 95	SV430	55	22	25	5	M12x1	20	6.6	4
	35 - 185	35 - 185	SV440	80	32	32	6	M18x1.5	25	16.0	4





Insulated screw connector, bright finish, screws with shear head 25 - 185 mm²

- 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

- Special grooved profile inside for removing the oxidation layer when screwing
- Insulated body
- Version with 2 screws and barrier
- With shear head

Material

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

Surface

bright

- sm/se-conductor needs to be pre-rounded
- Version with fixed countersink shear head, part number appendix "VK"
- 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 mm²	Cross section mm²		D	imensions r	nm		Data on bolts	Weight/ 100 pcs.		
		Part No.	L		D	flats mm	Thread DIN 13	Md Nm	~ kg	pcs.
25 - 95	25 - 95	SV430AK	55	22	25	5	M12x1	20	6.6	4
35 - 185	35 - 185	SV440AK	80	32	32	6	M 18 x 1.5	25	16.0	4

