

Operating instructions

(Copy of Original Manual)

Come along clamps



Come along clamps SCS 5-40 – for steel and copper wires



Come along clamps SAA 8-40 – for AL/ACSSR wires

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Version: 561.500/V15.1

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1. General Information

Manufacturer

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2. Product designation

Come along clamps, types SCS for steel and copper wires, and

Come along clamps, types SAA for aluminium and ACSR lines

- Universally usable for linesmen, bridge builders, industry and agriculture
- Long parallel tensioning jaws made of high-quality steel, hardened and burnished
- Easy to use due to handily placed steel jaws automatically gripping the tensioned steel parts by spring action
- No slipping of steel parts even at highest tensile force.

3. Intended use

3.1 Maximum pull

These rope tensioning jaws are intended to pull and tension loads up to the specified tensile forces. The tensile force indicated on the device (nominal load) is the maximum load that must not be exceeded.



These devices must only be used for pulling and tensioning works. Lifting and lowering of loads with these devices is not permitted.

4. Hazard zone

- The tensioning of loads must be avoided as long as persons are in the hazard zone of the load.
- Do not leave loads over a long period of time or unattended in a tensioned condition.
- The operator may only initiate movement of the load when he made sure that the load is attached correctly and that no person is in the hazard zone.

5. Technical data of come along clamps for steel and copper lines

Code	Type	Line dia.	Line mm ²	Load	Gripping	Eye dia.	kg
561500	SCS 5	1.0-5.0	1-16	500 kg	60	20	0.27
561510	SCS 9	3.0-9.0	6-35	1,000 kg	90	22	0.85
561520	SCS 12	4.0-12.0	16-70	1,700 kg	110	27	1.20
561530	SCS 18	5.0-18.0	50-150	3,000 kg	120	25x38	1.85
561540	SCS 28	10.0-28.0	90-400	3,500 kg	140	30x40	3.80
561550	SCS 40	20.0-40.0	240-800	4,000 kg	140	30x40	6.20

6. Technical data of come along clamps for aluminium and ACSSR lines

Code	Type	Line dia.	Line mm ²	Load	Gripping	Eye dia.	kg
561580	SAA 8	5.4-8.5	25-35	1,000 kg	90 mm	22	0.80
561600	SAA 12	5.0-12.0	16-70	1,700 kg	110 mm	27	1.15
561630	SAA 18	8.0-18.0	50-150	3,000 kg	120 mm	25x38	1.79
561680	SAA 28	15.0-28.0	120-400	3,500 kg	140 mm	30x40	3.80
561685	SAA 40	20.0-40.0	240-800	4,000 kg	140 mm	30x40	3.90

7. Putting into service, training

The operating personnel must be trained and instructed by a qualified expert of the buyer.

7.1 Inspection before starting work

Each clamp must be inspected prior to operation by a competent person. The inspection is visual and functional and shall establish that the clamp is safe and has not been damaged by incorrect use. Inspections should be made by a representative of the manufacturer or the supplier although the company can assign its own suitably trained personnel.

- Check all parts for damage to ensure perfect functioning before using, proper maintenance is necessary
- Check grip to ensure using the correct type and size for the application
- Profile of the jaws and its teeth always have to be kept clean, dry, and free of oil and grease to avoid wires to slip
- Avoid jerky workload
- Increase tensile force to avoid wires to slip as well as damaging of the teeth
- Oil rivets only, never the jaws

8. Improper use

- The tensile force of the clamping device must not be exceeded.
- Use of the clamping device for the transport of persons is prohibited.

9. Regular inspections

Regular inspections by a competent person ensure that the clamping device remains in a safe condition. The inspection must be performed at least once per year or at shorter intervals if conditions of use are demanding. The inspections are mainly visual and functional tests to assess the condition of components in terms of damage, wear, corrosion or other alterations and to establish the completeness and effectiveness of the safety devices. A test load of the permissible nominal load is usually required for inspection. Repairs may only be performed by specialist workshops.

The inspections must be initiated by the operating company.

10. Maintenance and regulations

- Apart from observing the operating instructions, intended use also includes compliance with the stipulated maintenance and servicing instructions.
- In the event of malfunction, the device must be decommissioned immediately.

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- The accident prevention and safety regulations for lifting gear of the respective country in which the devices are used must be strictly observed.