

Easy and safe

Maxi MV clamp with tear-off screw



Saves time: compared to welding, the mounting time of the Maxi MV clamp is considerably reduced.

The clamp with tear-off screw can be mounted easily without using any torque wrench. The tear-off head indicates accurate installation with a defined clamping force. Marking of correctly installed clamps is not necessary. This saves times and simplifies documentation.

The clamp with tear-off screw can be used for high requirements in industrial buildings, in nuclear power plants and for military applications. It fulfills international standards according to EN 62561¹⁾.

Benefits:

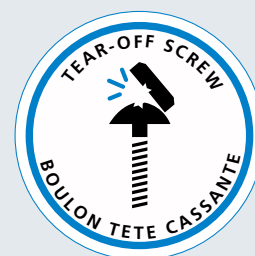
- Reliable mounting quality by constant torque and defined clamping force
- Easy mounting, no torque wrench needed
- Huge time savings compared to exothermic welding
- No risk for the installer by harmful welding fume
- Established technique (e. g. French nuclear power plants)
- No environmental hazard



Technical details:

- No torque wrench needed
- Defined clamping force

Part-Nr.	S05 635
Material of clamp	St/tZn
Clamping range (Rd)	8-16 / 15-25 mm
Material thickness	3.0 / 2.0 mm
Screw	Shear bolt M12 x 65 mm
Material of screw	StSt
Shear torque of screw	35 +/- 3 Nm
Standard	EN 62561-1
Short-circuiting current (50 Hz) (1s; ≤ 300 °C)	6.2 kA
Weight	470 g



¹⁾ EN 62561: Lightning Protection System Components (LPSC)

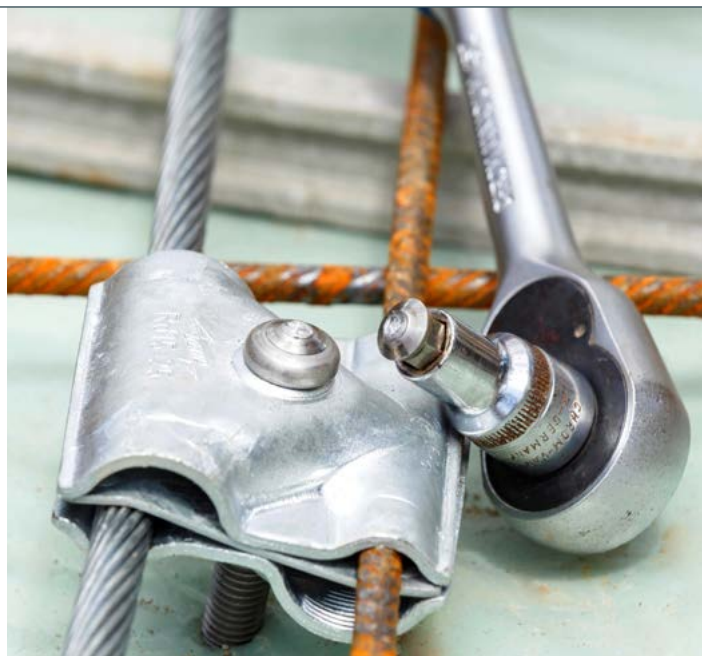
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	Standard clamp	Welding	Clamp with tear-off screw
Permanent connection	—	✓	✓
Mounting time	✓ (60 sec) ¹⁾	— (16 min)	✓ (30 sec)
Constant installation quality	✓ ¹⁾	—	✓
Environment-friendly	✓	—	✓
No specific mounting equipment needed	—	—	✓
No preparation of the connection necessary	✓	—	✓
No welding expert needed	✓	—	✓
No risk for the operator by harmful welding smoke	✓	—	✓
Mounting during rain	✓	—	✓
Corrosion-resistant	✓	✓	✓

¹⁾ when using a torque wrench



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