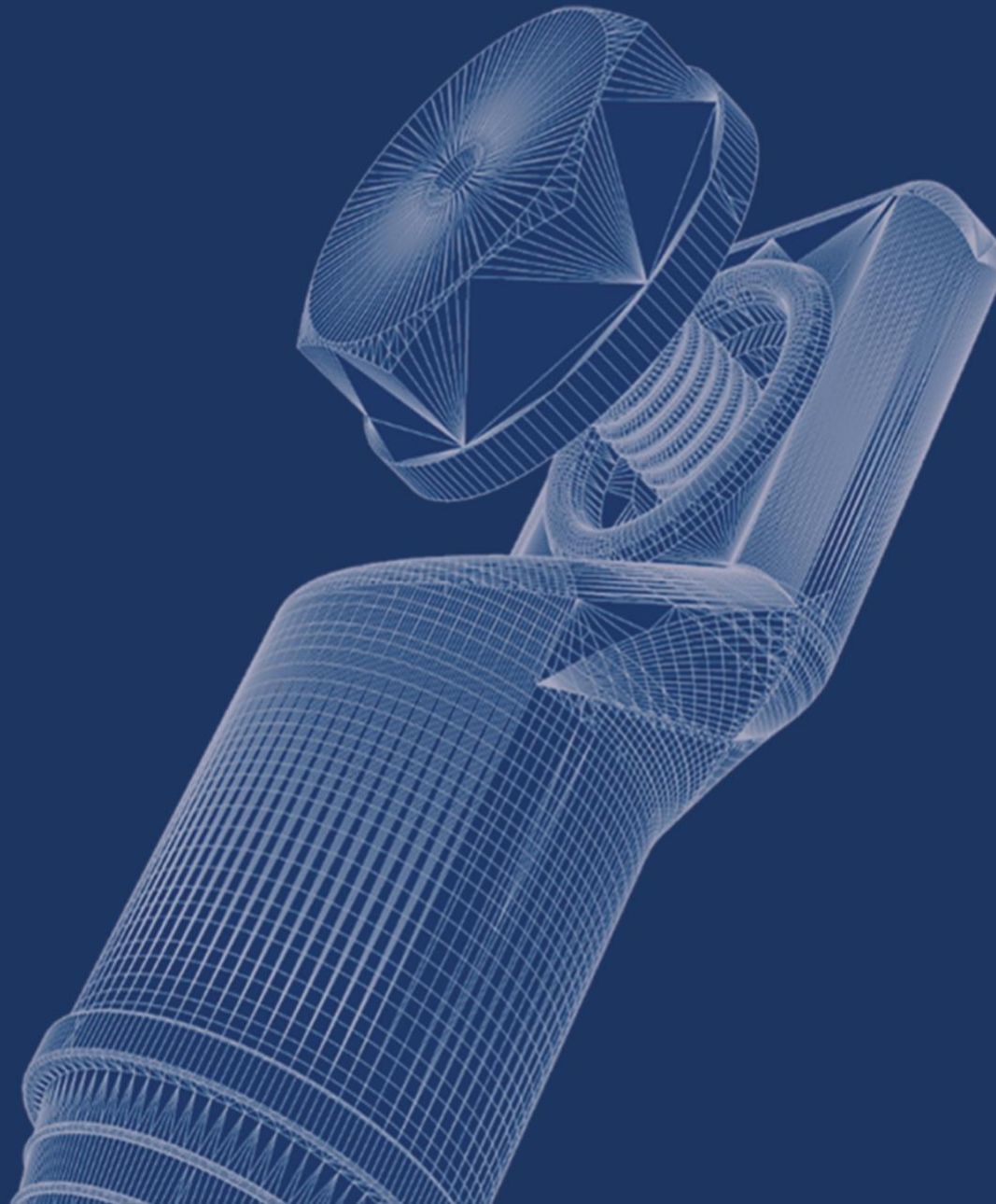


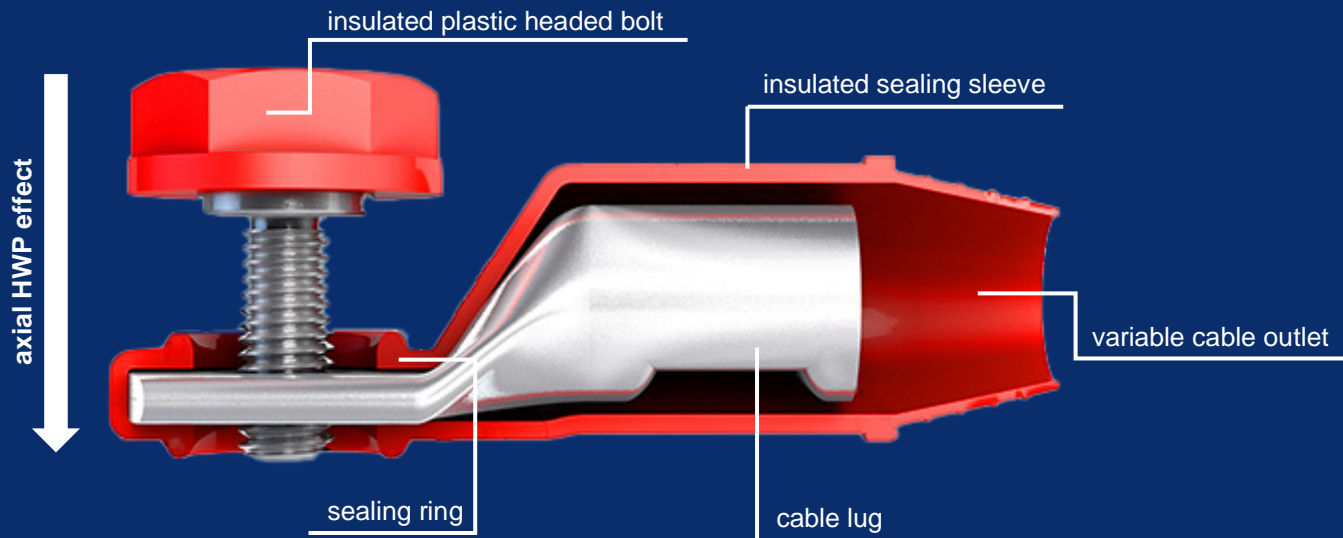


**HAGEMANN**  
Systems

# LUGSULATION.

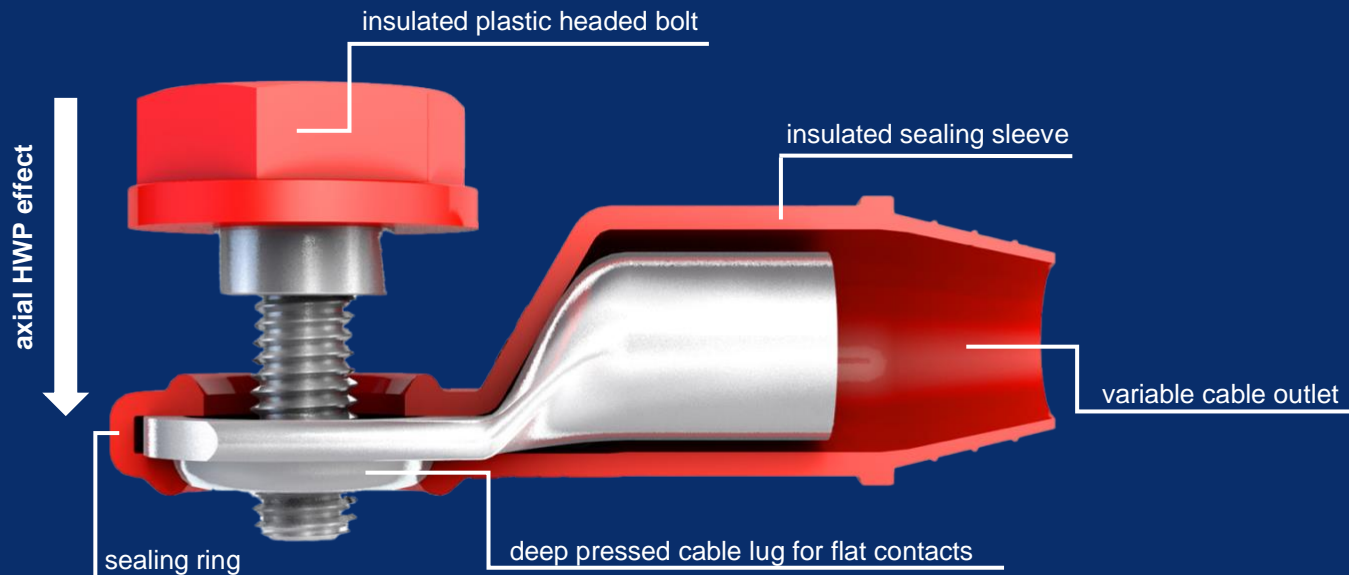


**Make  
The  
Right  
Connection.**



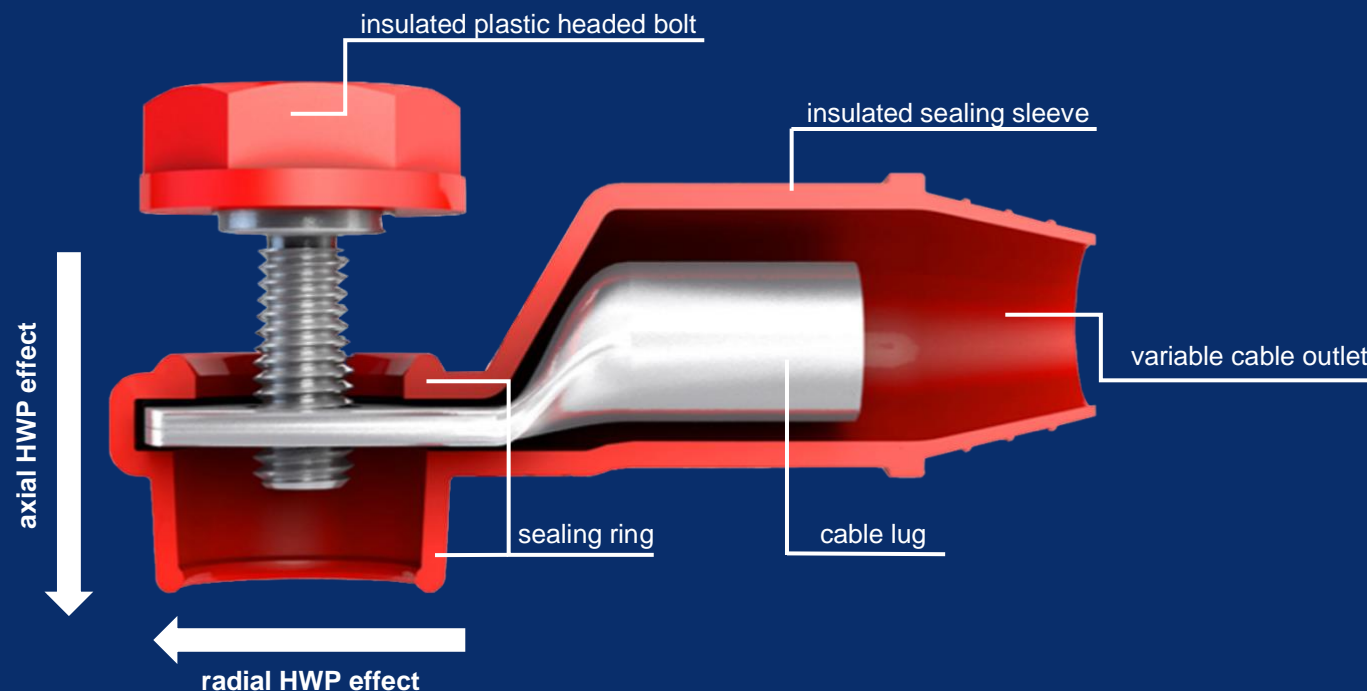
## Lugsulation© Flex

- for protruding contacts
- sealing axially in the direction of the screw
- application possible with insulated plastic headed bolt screw or cap nut
- connection of multiple cables possible with the use of a copper space ring
- protection class up to IP64 (certified)
- a higher protection class up to IP66 is possible with certain measures
- as example Flex can be used in European traction batteries according to DIN and British standard
- sealing internal and external threads
- available from 10-120mm<sup>2</sup>



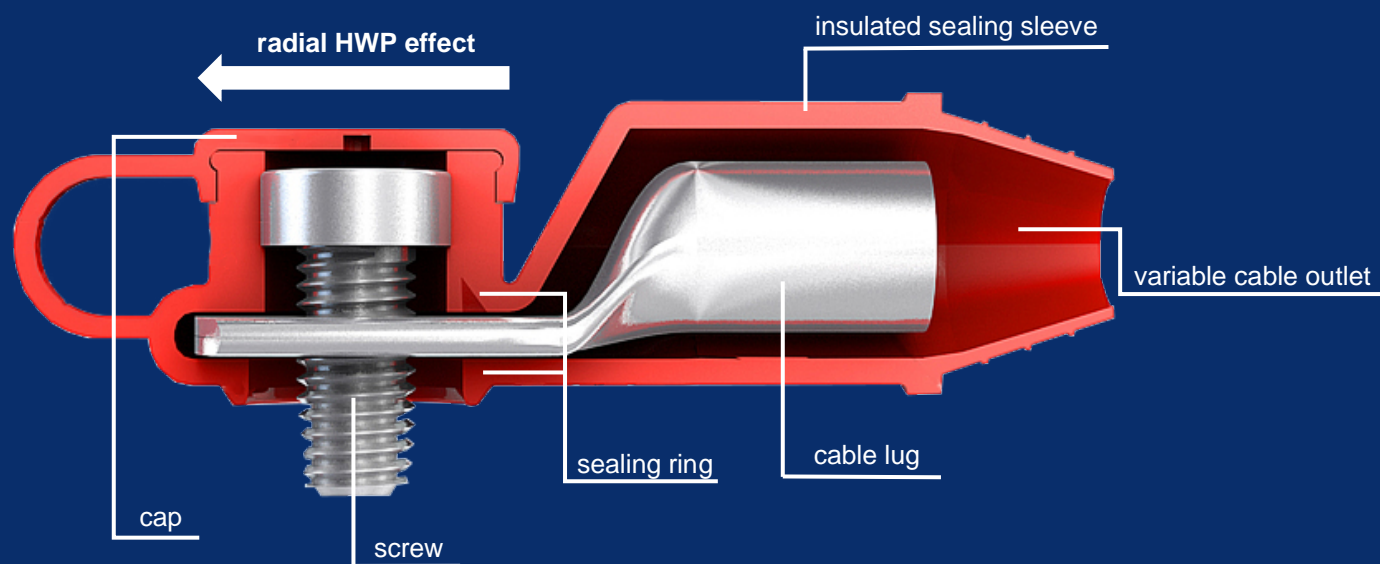
## Lugsulation© Deep

- 100 % contact on flat terminals due to the deep pressed cable lug
- the higher level of the cable lug allows circumferential, mainly radially insertable seal
- protection class up to IP64
- Deep is used as an example in switch cabinet constructions
- sealing internal & external threads
- Deep is available in the "cap" version
- available in 35mm<sup>2</sup> M6 (other sizes only with large order quantity)



## Lugsulation© Seal

- terminal screws or connection areas are also insulated
- perfectly suited for humid/saltwater environments
- the sealing area completely insulates the contact
- depending on the requirements, the sealing area can be designed radially as a lip, axially as a tube, or as a combination of both sealing directions
- protection class up to IP64
- Lugsulation Seal in the „cap“-version for example can be used for inverters
- sealing internal and external threads
- available in 35mm<sup>2</sup> M5 & M8 (other sizes only with large order quantity)



## Lugsulation© Cap

- all Lugsulation variants are available in the cap version
- the main feature is the use of an Allen screw (ISK)
- is usually used when there is little space for installation
- the cylindrical head seals radially – i.e., circumferentially to the direction of screwing – against its inner wall
- as an example, this variant can be used in narrow engine compartments of agricultural machinery
- protection class up to IP64
- suitable for sealing internal threads
- available in 50mm<sup>2</sup> M10 (other sizes only with large order quantity)



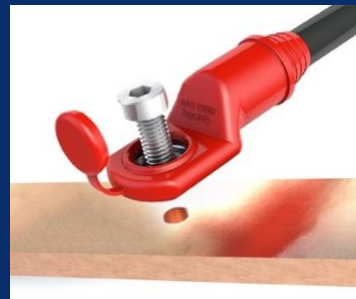
Lugsulation© Flex

Lugsulation© Deep

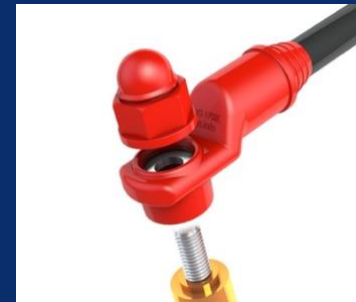
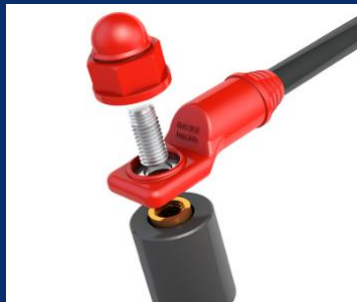
Lugsulation© Seal

Lugsulation© Cap

connection type



further applications



half section



sealing under sight



The Lugsulation is available in a set: sealing sleeve, cable lug and insulation screw