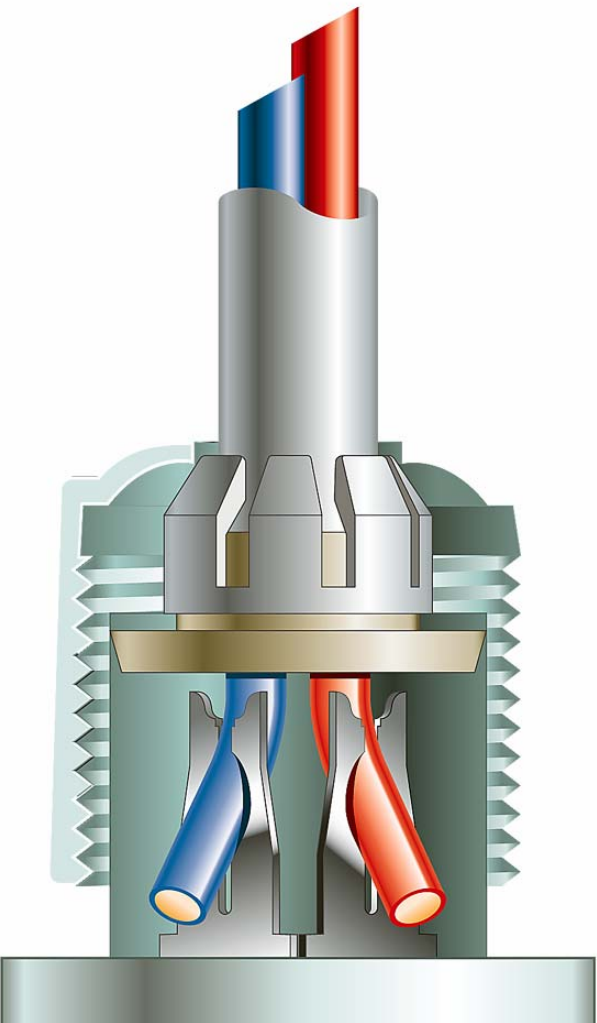


QUICKON - Fast Connection Technology



Basics

Fast Connection Technology

QUICKON

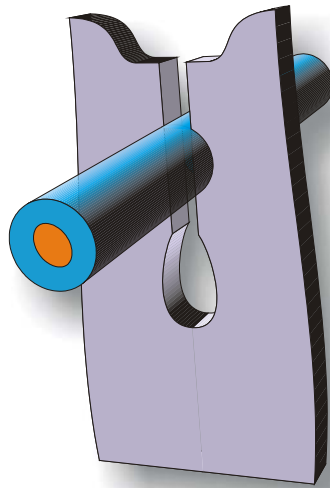
QUICKON - Fast Connection Technology

Basics

QUICKON is based on the **IDC**-technology

IDC = **I**nsulation **D**isplacement **C**onnection

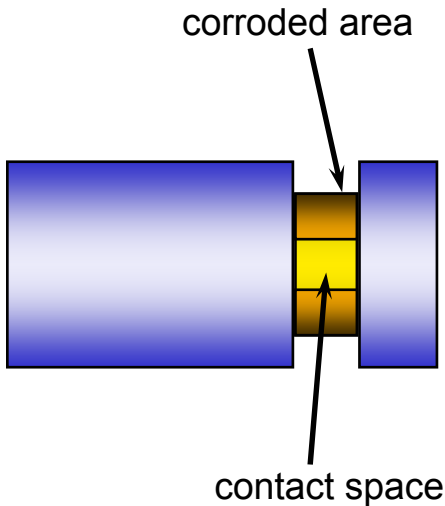
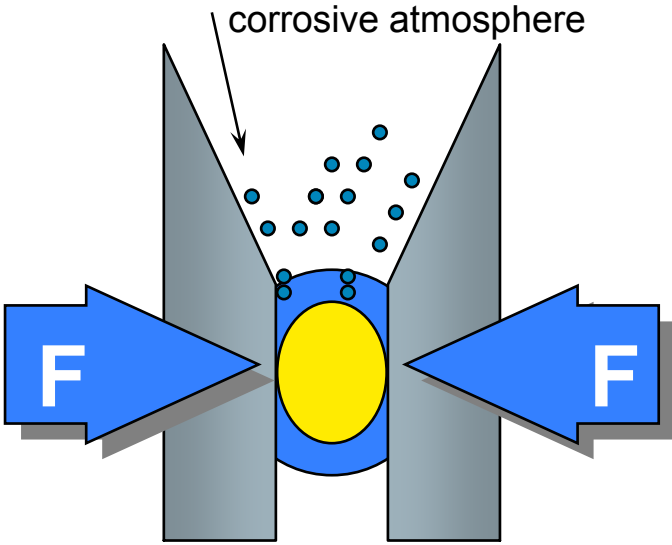
Contact shape



Fork contact

QUICKON - Fast Connection Technology

Basics

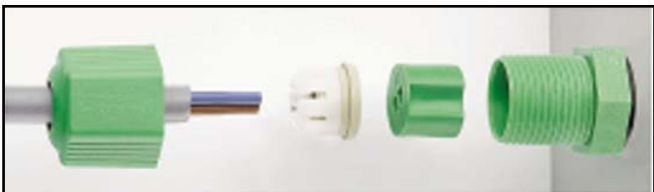


Connections are gas-tight

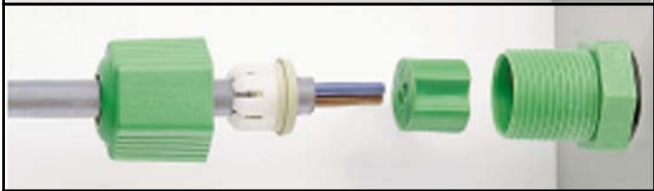
QUICKON - Fast Connection Technology

Basics

1



2



3



4



5



6



Working Steps

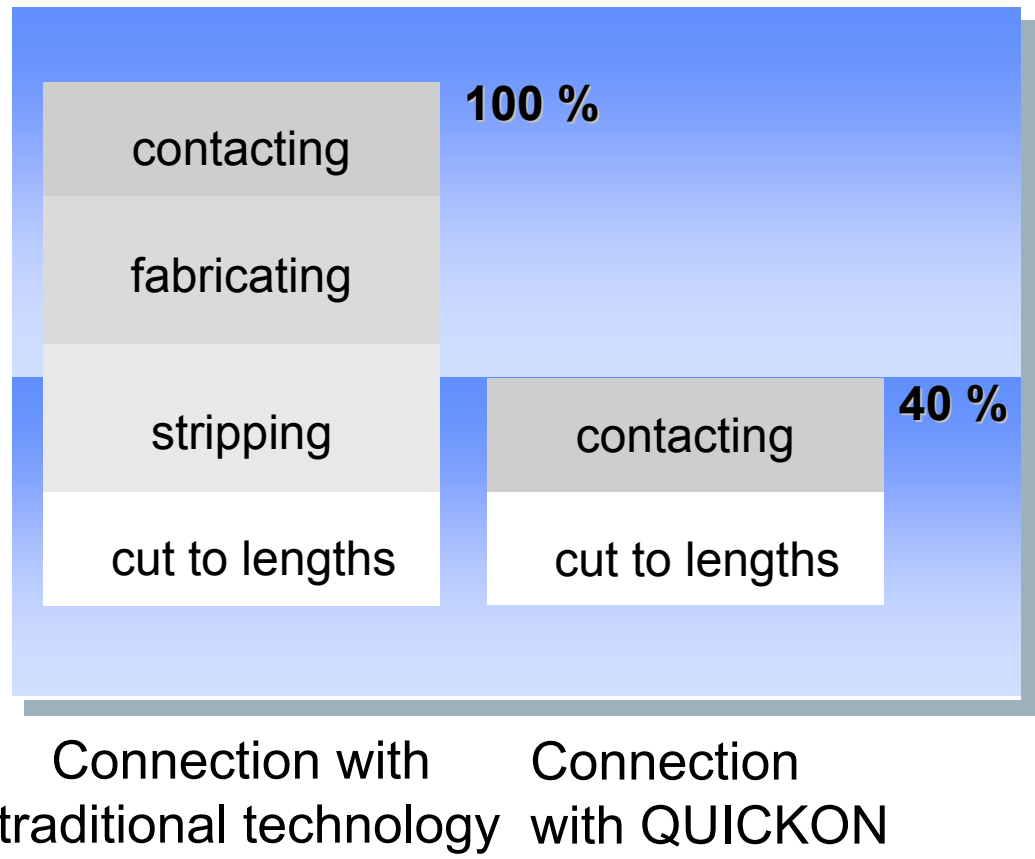
QUICKON - Fast Connection Technology

Basics

60 %

Time saving

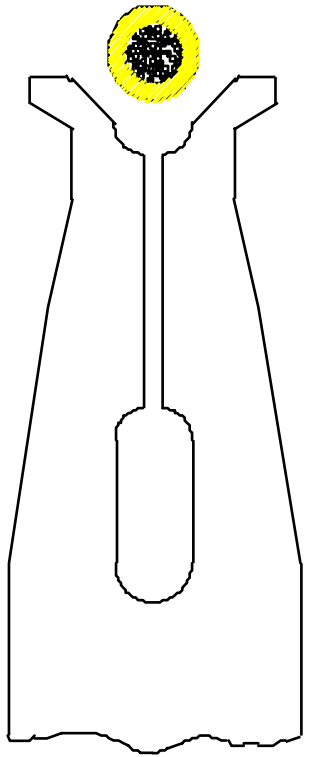
**No special
tool required**



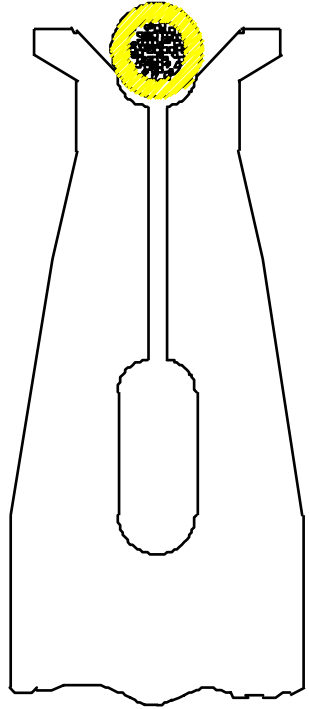
QUICKON - Fast Connection Technology

Basics

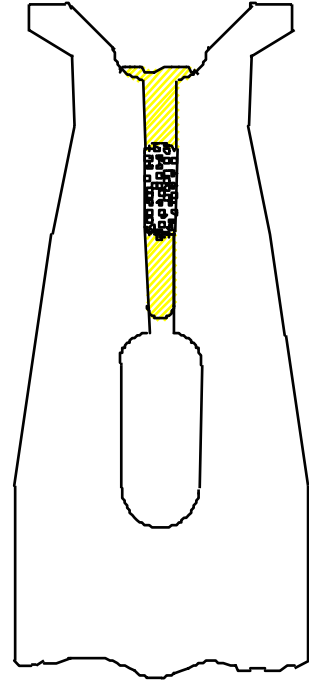
- ➔ Various cross section ranges
- ➔ Various insulation materials PVC/PE



Center the conductor



displace insulation



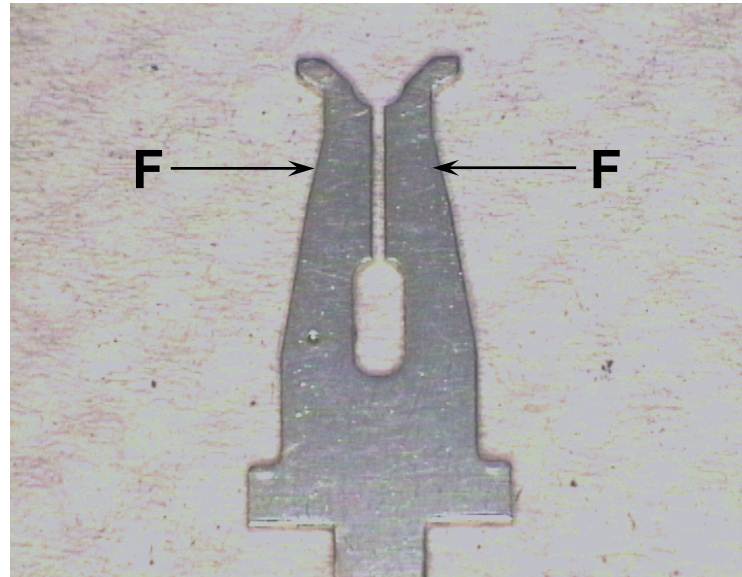
gas-tight contact

Contacting process

QUICKON - Fast Connection Technology

Basics

 **Contact force**



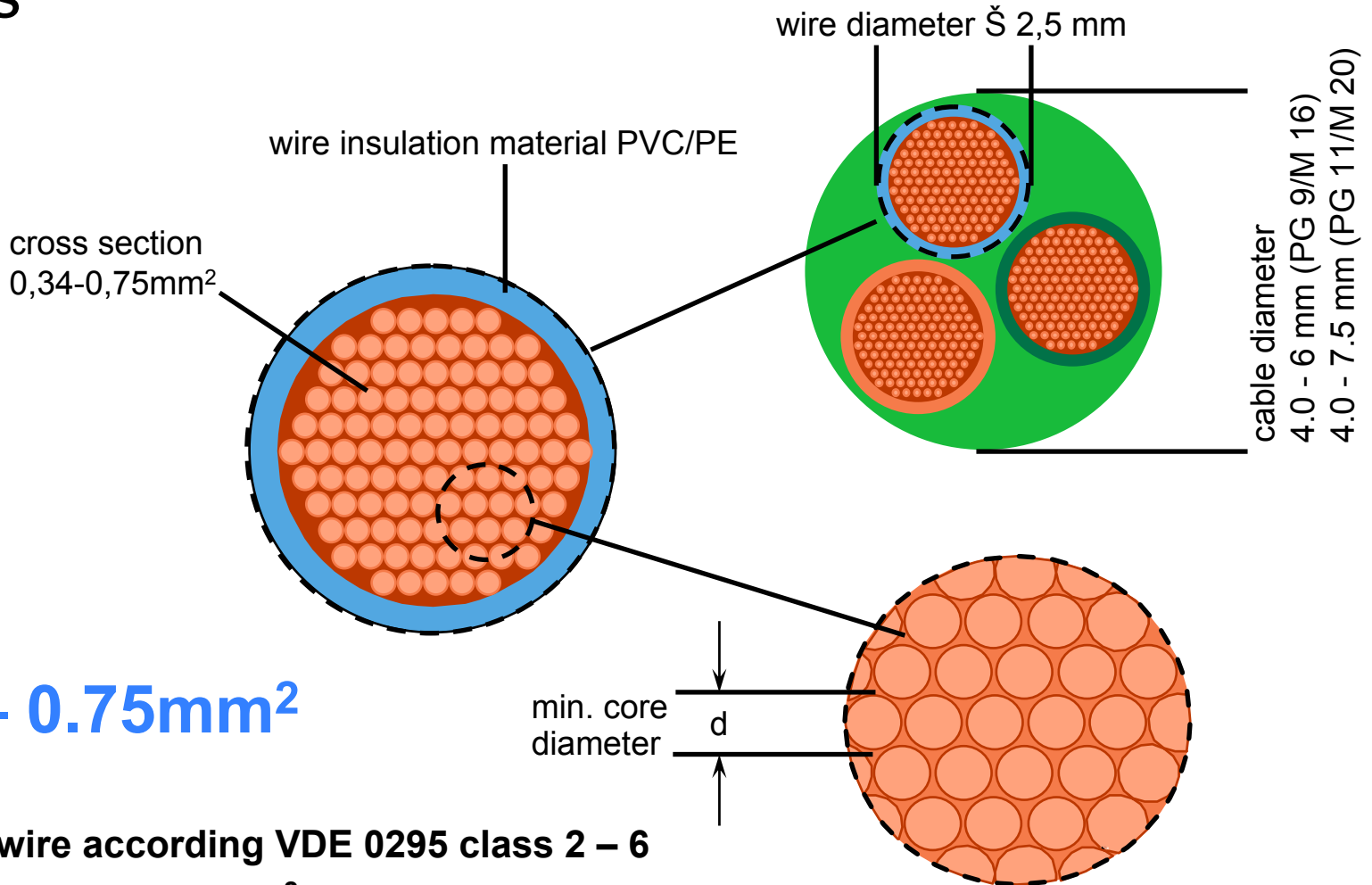
Blade 0,34 - 0,75 mm²

0,34 mm² ~ 30 N

0,75 mm² ~ 60 N

QUICKON - Fast Connection Technology

Basics



0.34 – 0.75mm²

stranded wire according VDE 0295 class 2 – 6

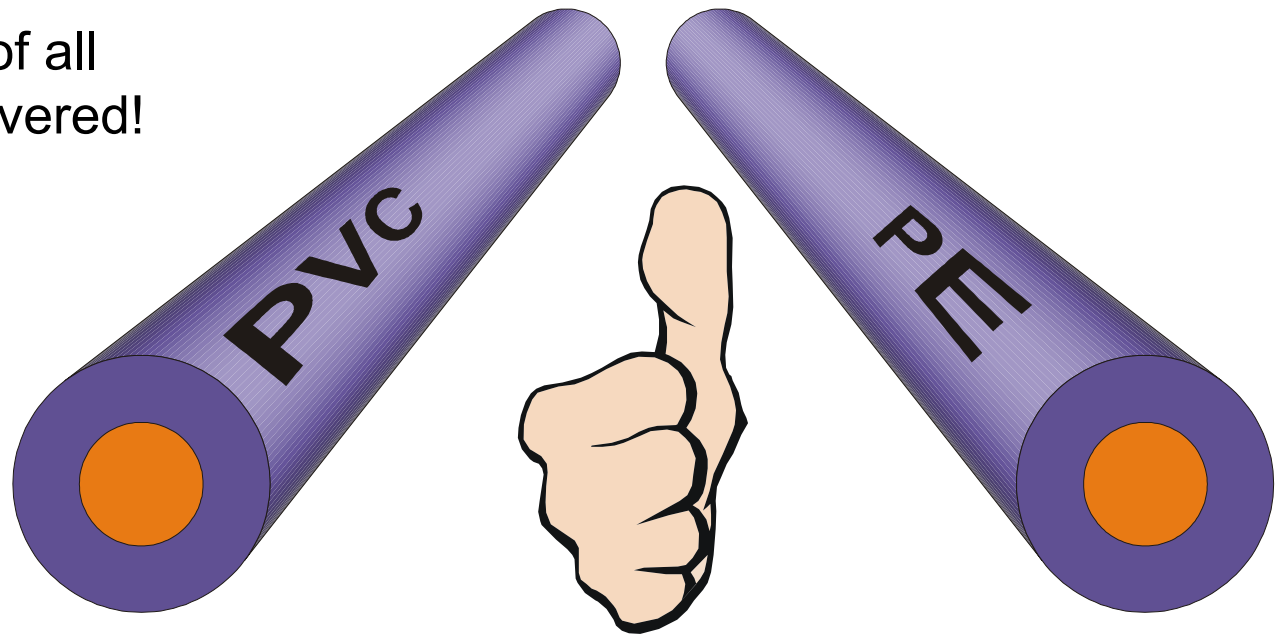
d = 0.1 mm with 0.34mm²

d = 0.15 mm with 0.5-0.75mm²

QUICKON - Fast Connection Technology Basics

The QUICKON- fast connection technology grants a safe separation of the insulation:

Thus approx 90% of all applications are covered!



Further insulation types on demand!

QUICKON - Fast Connection Technology

Test Program

Considered standards

- General indications
- DIN VDE 0619 (Insertion cable a. conductors) and EN 50262 (Metric cable glands for electrical installations)
- DIN EN 60998-2-3 (Connection material, low voltage circuits, IDCs)
- DIN EN 60 352-4 (solder-free electrical connection, IDCs)
- DIN EN 352-4 following (Siemens / AMP) (fast temperature change)
- Special tests

QUICKON - Fast Connection Technology

Test Program

 **DIN VDE 06 19**

Protection type test **IP 67**

Dust chamber

Talcum powder 50 μm –75 μm
Category 1
20 mbar depression

Dip tank

1 m depth of water / 30 min.