



Raychem T-100 Splice and Tee Connection Kit Instruction Manual

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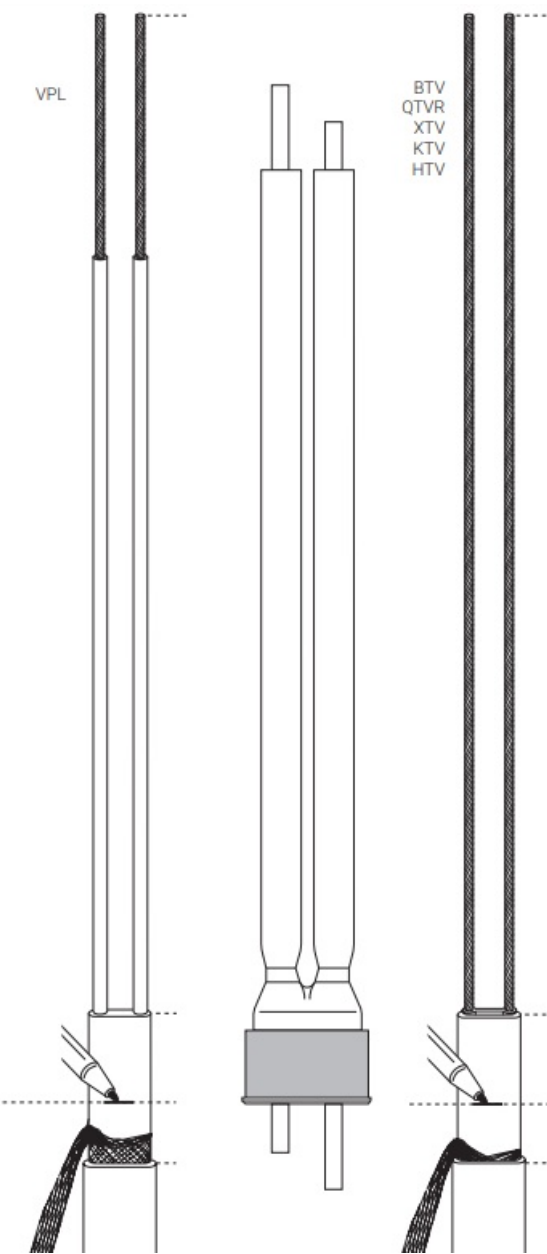
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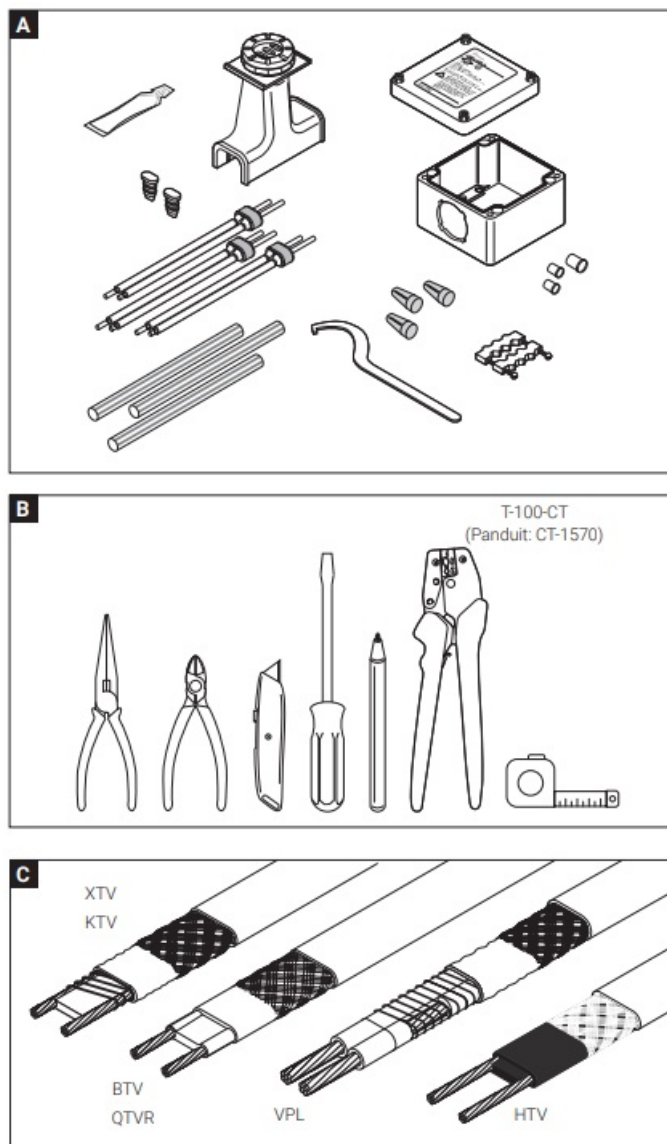
Raychem T-100 Splice and Tee Connection Kit



INSTRUCTION



TOOLS NEEDED



WARNING:

To prevent electrical shock or fire, this product must be installed correctly. Water ingress must be avoided before and during the installation.

CAUTION:

Prolonged or repeated contact with the sealant in the core sealer may cause skin irritation. Wash hands thoroughly. Overheating or burning the sealant will produce fumes that may cause polymer fume fever. Avoid contamination of cigarettes or tobacco. Consult MSDS VEN 0058 for further information.

WARNING:

The purchaser should make the manufacturer aware of any external effects or aggressive substances that the equipment may be exposed to.

ATEX and IECEx approved

Rated voltage: 480 Vac (when used with nVent RAYCHEM VPL4)

Ambient temperature: -55°C to +56°C

For ambient temperatures >+40°C

Use a power cable with continuous temperature resistance of minimum +90°C

Use a metallic power cable gland approved for use in hazardous areas (for example nVent RAYCHEM GL-38-M25-METAL).

For voltages >254Vac and nVent RAYCHEM BTV, QTVR, XTV, KTV or HTV heating cables:

Use a power cable with continuous temperature resistance of minimum +90°C.

Maximum pipe temperature:

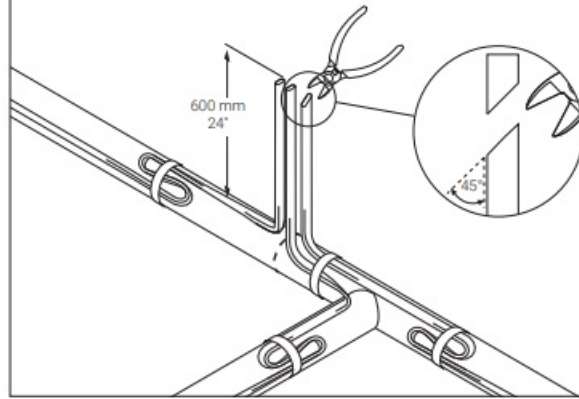
Heater type	Tmax continuous	Tmax intermittent 1000h cumulative	Tmax power off
BTV	65°C	85°C	–
QTVR	110°C	110°C	–
XTV	121°C	250°C	–
KTV	150°C	250°C	–
HTV	205°C	260°C	–
VPL	See tables below	–	260°C

VPL: Maximum pipe temperature depending on heating cable reference and voltage

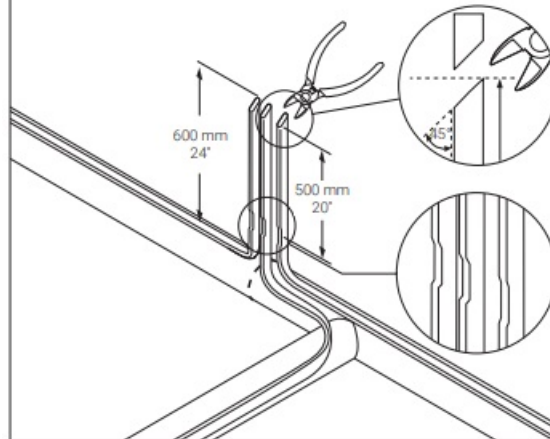
Voltage (VAC)	120	208	230	240	254	277	385	400	480
5VPL1-CT	230								
10VPL1-CT	205								
15VPL1-CT	170								
20VPL1-CT	150								
5VPL2-CT		235	230	230	225	225			
10VPL2-CT		220	210	205	200	195			
15VPL2-CT		200	180	170	145	105			
20VPL2-CT		150	150	150					
5VPL4-CT							230	230	230
10VPL4-CT							215	215	205
15VPL4-CT							195	195	160
20VPL4-CT							150	150	150

INSTALLATION

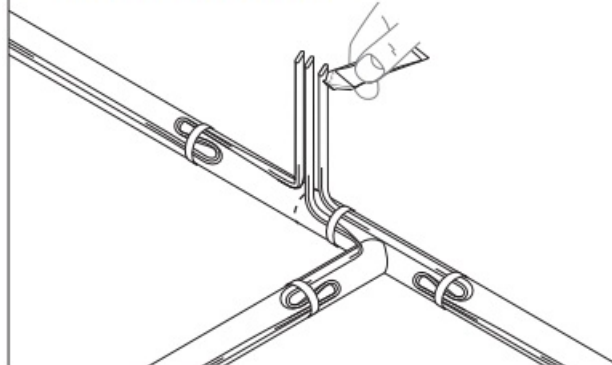
1A BTV, QTVR, XTV, KTV, HTV



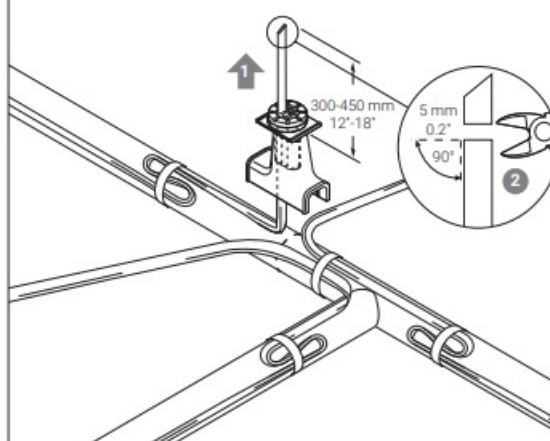
1B VPL

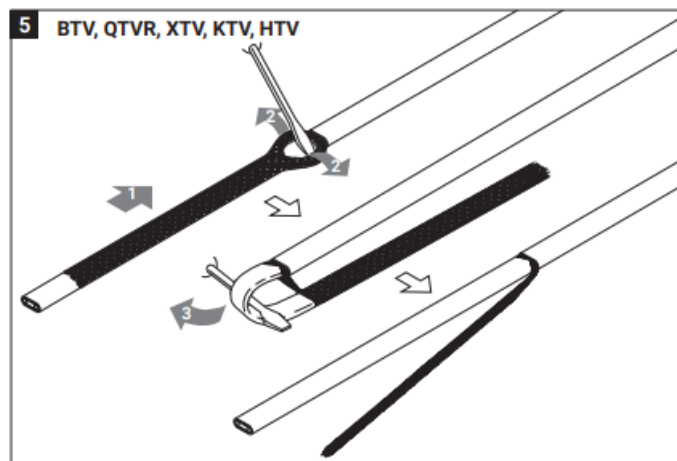
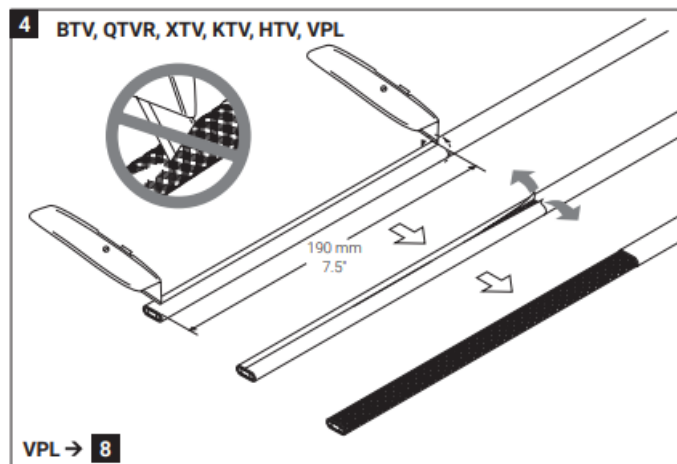


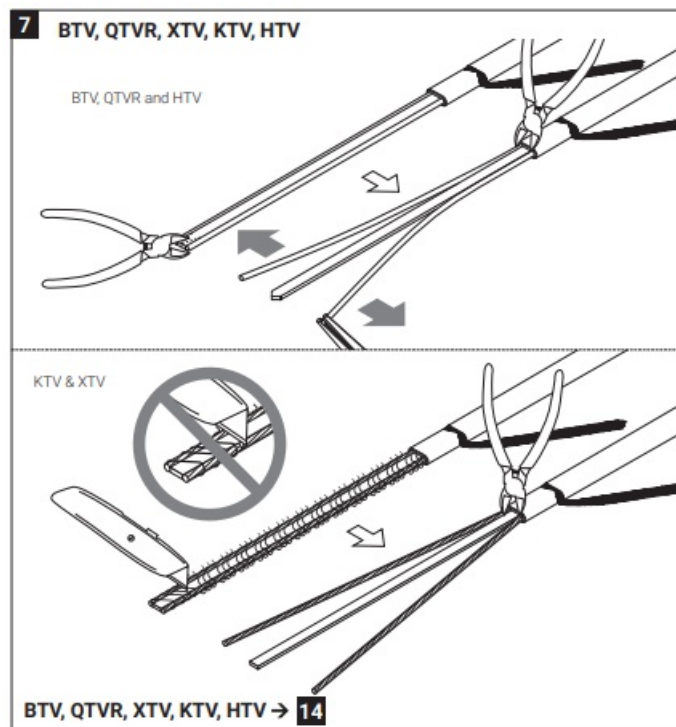
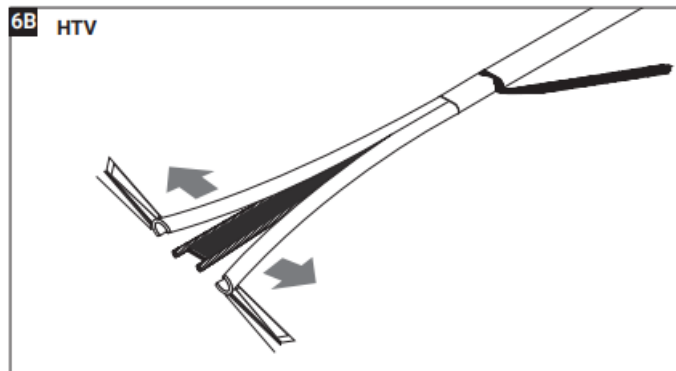
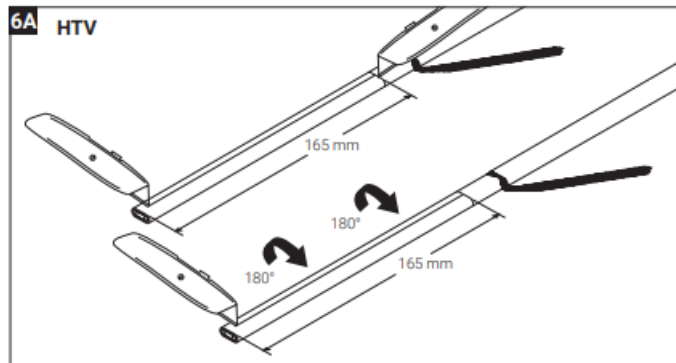
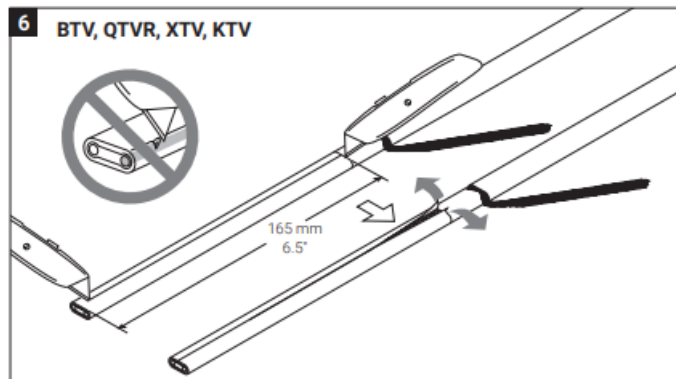
2 BTV, QTVR, XTV, KTV, HTV, VPL

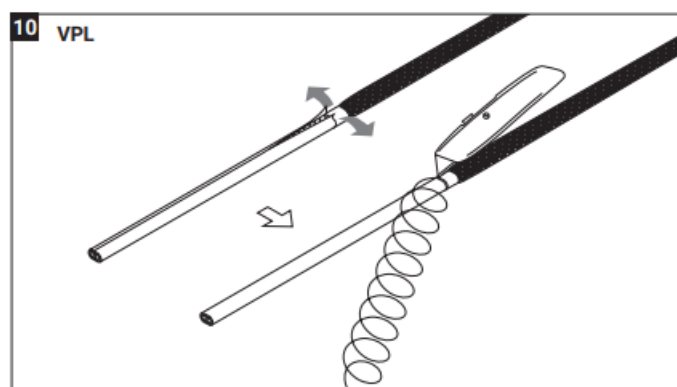
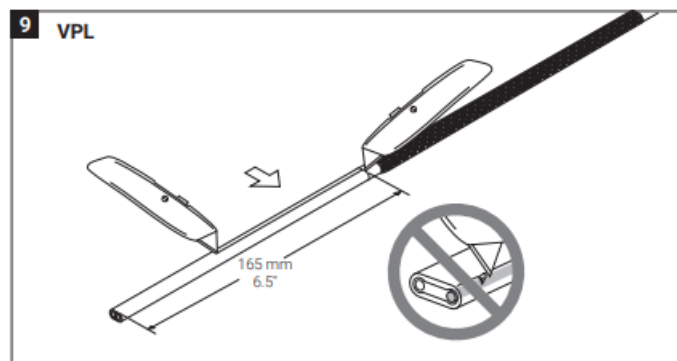
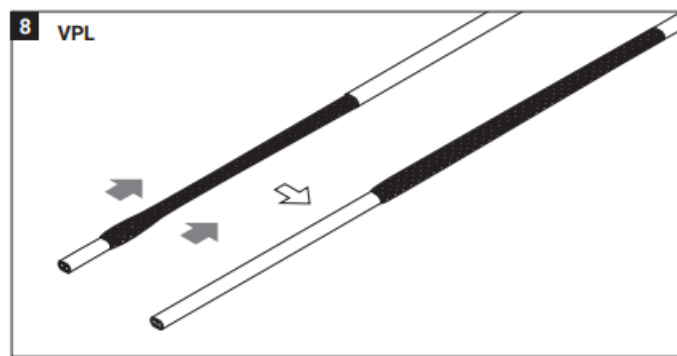


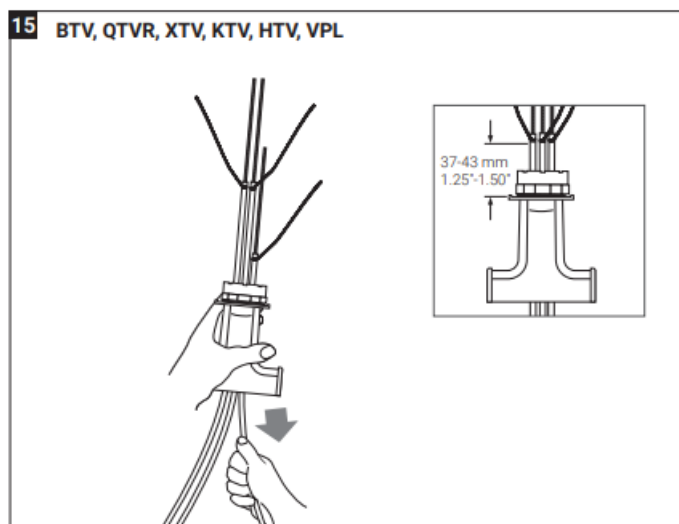
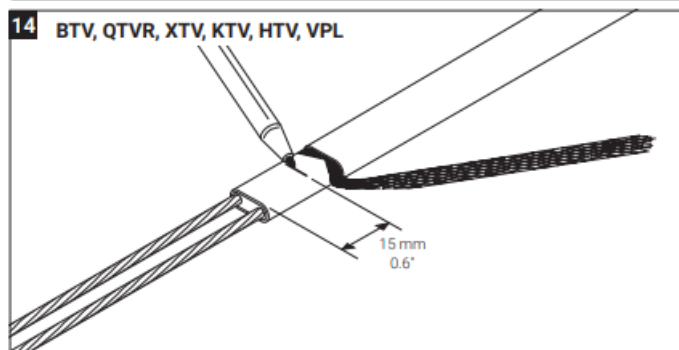
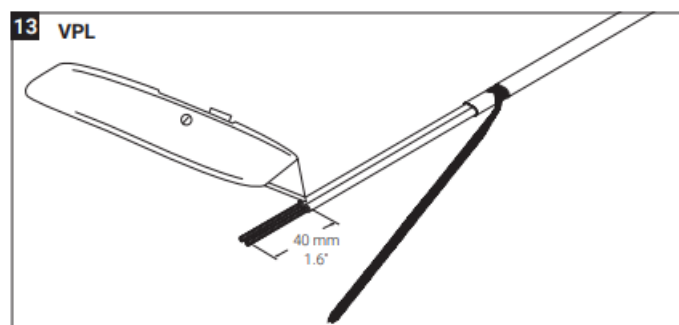
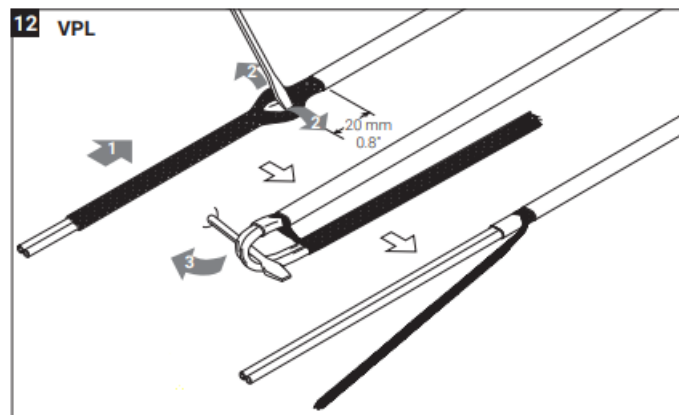
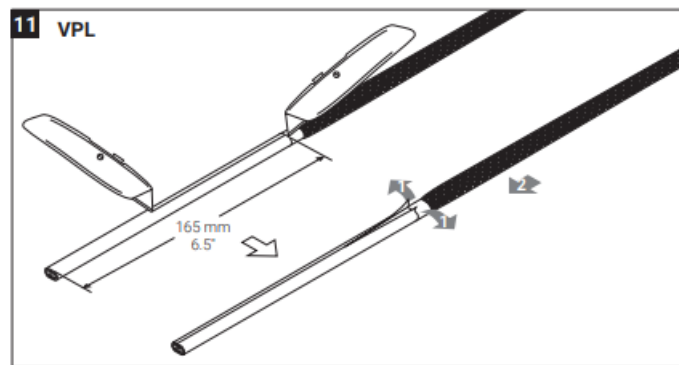
3 BTV, QTVR, XTV, KTV, HTV, VPL

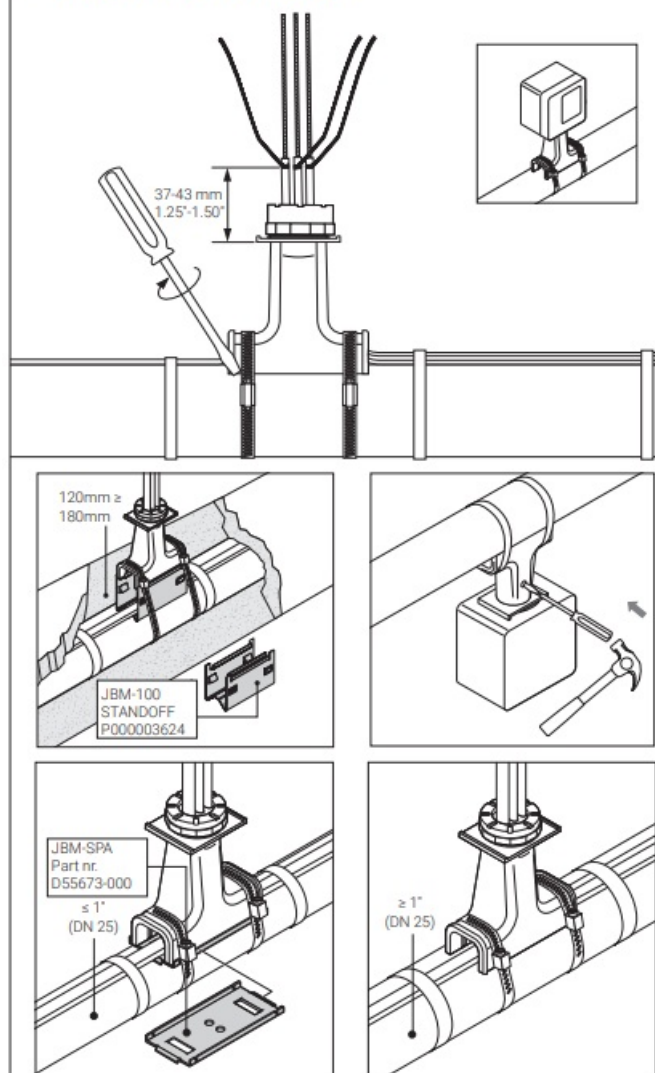




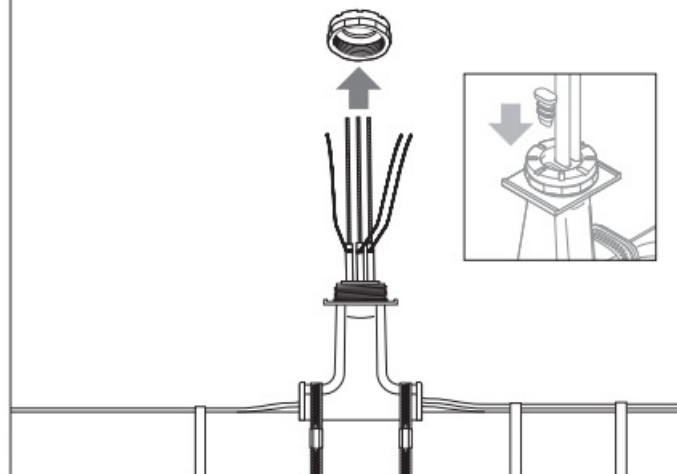




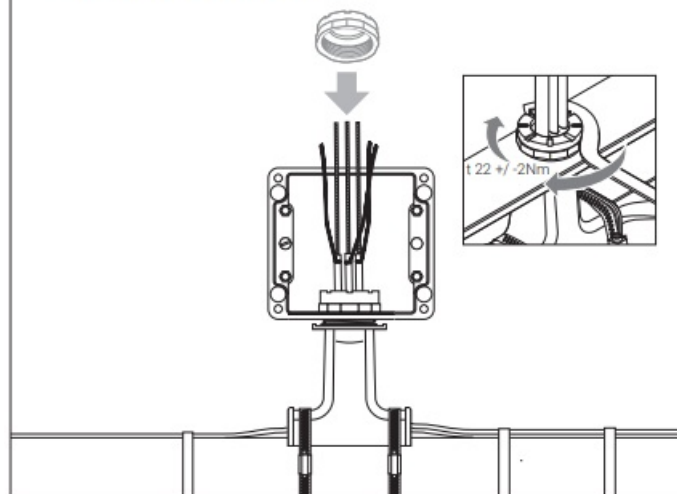




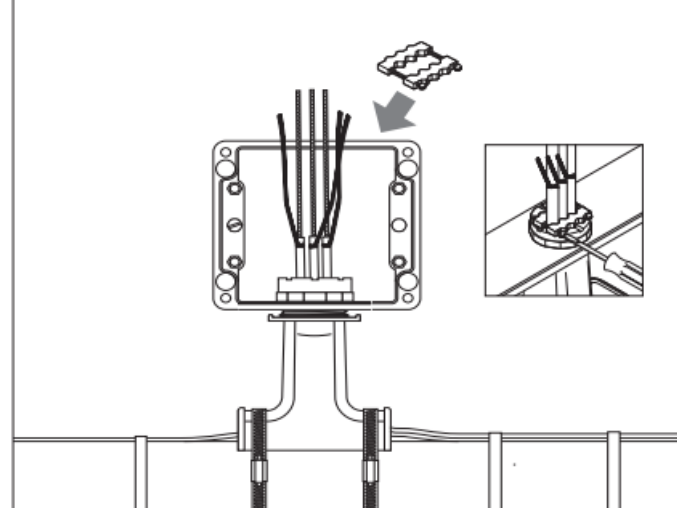
17 BTV, QTVR, XTV, KTV, HTV, VPL



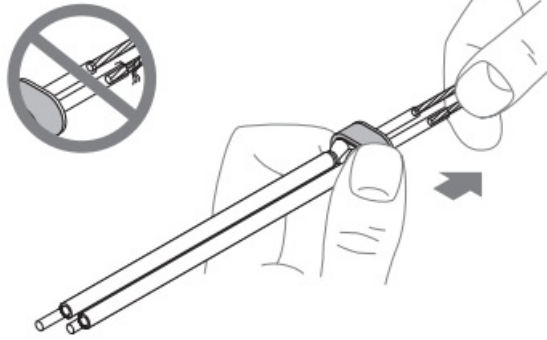
18 BTV, QTVR, XTV, KTV, HTV, VPL



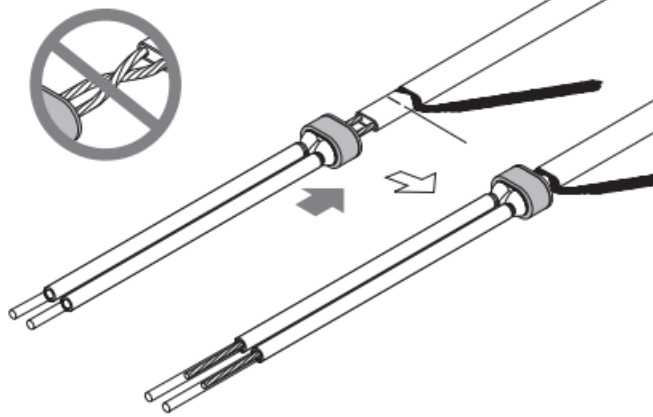
19 BTV, QTVR, XTV, KTV, HTV, VPL



20 BTV, QTVR, XTV, KTV, HTV, VPL



21 BTV, QTVR, XTV, KTV, HTV, VPL



22 BTV, QTVR, XTV, KTV, HTV, VPL

