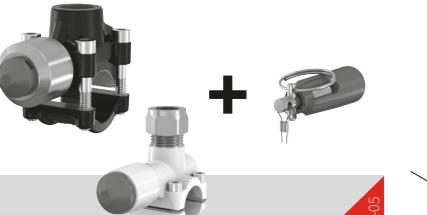


flamco



T-plus

CE 0589

**ENG**

**1. General**  
The T-plus is used to make a branch from a pressurised line carrying water, air or other non-flammable liquids and gases. The system does not have to be depressurised to do this.

**Safety**

- The T-plus may only be used by authorised personnel (18+, due to the use of explosive charge). Observe local legislation and guidelines.
- Do not use the T-plus in environments where the risk of fire or explosion can occur.
- Use the Trigger (**G**) only in combination with the T-plus. Remove the Trigger after use.

Safety requirements during installation.

Flamco T-plus version	p max.	T max.
Brass version (2)	16 bar	130 °C
Cast-iron version (1)	25 bar	130 °C

**2. Installation**

The following points must be followed for correct operation of the T-plus:

- Use the T-plus only in a dry and frost-free location which is easily accessible for maintenance purposes.
- Do not use the Flamco T-plus in combination with explosive or flammable substances.

**Installation**

- Check that the installation point is sound, smooth, round and clean.
- Check the dimensions of the T-plus with the external tube diameter for the correct connection. T-plus is suitable for pipes with a minimum and maximum wall thickness as indicated in the table at top right (**M**).
- Place the T-plus in the required location and ensure that the branch is in the right condition. Prior to installation, there must be no liquid present in the branch at the position of the T-plus.
- To avoid leakage it is important that the packing is undamaged.
- The 1½" - 3" sizes come with a Click-In rapid assembly system. To do this, push the bolts into the Click-In and push them through for fast pre-assembly.
- Tighten the bolts (**C**) crosswise. Pay attention to the tightening torques, as shown in the table (**M**).
- If the bolts are insufficiently tightened, the T-plus may not cut through the pipe, start turning or start leaking.
- Do not move the T-plus once the bolts have been tightened.
- Complete the installation of the branch (**D**). Ensure that the branch pipe does not contain any liquid.
- Remove the cap (**E**) from the pin (**F**).
- Turn the Trigger (**G**) fully on the screw thread of the cap flange (**H**). Do not remove the seal in the process.
- Position the locking pin with draw ring by turning it clockwise over the ridges (**I**) of the Trigger (**G**). Ensure sufficient space for pulling the locking pin (**K**) out.
- Break the seal with a pair of pliers. Remove the locking wire. Note: The Trigger (**G**) is now activated.
- Pull the locking pin out of the Trigger (**G**) in one swift movement.
- When the system is under pressure, the branch is also under direct pressure after cutting open the pipe.
- Re-tighten the bolts to the specified torque value (**M**).
- Remove the Trigger and return the cap (**E**) over the pin.

**3. Maintenance**

The T-plus does not require any further maintenance.

**4. Removal!**

Attention! Release the pressure from the system. The T-plus may be very hot. Remove the T-plus.

**Environment**

Comply with local legislation when disposing of the T-plus and Trigger.

According to the Pyrotechnic Directive 2013-29 EU - CE 0589 - FAST LOCK DEVICE.

For EU conformity declaration see www.flamcogroup.com.

**DEU**

**1. Allgemeines**  
Das Flamco T-plus wird zum Herstellen von Abzweigungen in mit Druck beaufschlagten Leitungen, in denen Wasser, Luft oder andere nicht-brennbare Flüssigkeiten und Gase transportiert werden, verwendet. Das System braucht dazu nicht drucklos gemacht werden.

**Sicherheit**

- Das T-plus darf nur von dafür autorisiertem Personal (18+, wegen der Verwendung von Sprungstoff) verwendet werden. Beachten Sie die vor Ort geltenden gesetzlichen Vorschriften und Richtlinien.
- Setzen Sie das T-plus nicht in Umgebungen mit Brand- oder Explosionsgefahr ein.
- Verwenden Sie den Trigger (**G**) (die Auslösereinrichtung) nur in Kombination mit dem T-plus. Entfernen Sie den Trigger nach dem Gebrauch.

Sicherheitsanforderungen während der Installation

Ausführung Flamco T-plus	p max.	T max.
Ausführung aus Messing (2)	16 bar	130 °C
Brass version (2)	16 bar	130 °C
Cast-iron version (1)	25 bar	130 °C

**NLD**

**1. Algemeen**  
De T-plus wordt gebruikt voor het maken van een aftakking van een leiding onder druk met water, lucht of andere niet-brandbare vloeistoffen en gassen. Hiervoor hoeft het systeem niet drukloos gemaakt te worden.

**Veiligheid**

- De T-plus darf nur von dafür autorisiertem Personal (18+, vanwege gebruik van springladigheid) gebruikt worden. Gebruik de T-plus niet in omgevingen waar brand- of explosiegevaar kan optreden.
- Gebruik de Trigger (**G**) (de uitsluiting) alleen in combinatie met de T-plus. Verwijder de trigger na gebruik.

Veiligheidsvereisten tijdens de installatie.

Flamco T-plus uitvoering	p max.	T max.
Ausführung aus Messing (2)	16 bar	130 °C
Gusseiserne Ausführung (1)	25 bar	130 °C
Versie (1)	25 bar	130 °C

**FRA**

**1. Généralités**  
Le T-plus est utilisé pour procéder à un piquage sur une conduite sous pression transportant de l'eau, de l'air ou d'autres liquides et gaz ininflammables. Pour ce faire, l'installation ne doit pas être dépressurisée.

**Sécurité**

- Le T-plus doit être utilisé exclusivement par du personnel qualifié (plus de 18 ans, suite à l'utilisation d'une charge). Respectez la législation et les directives locales.
- Ne pas utiliser T-plus dans des environnements où il existe un risque d'incendie ou d'explosion.
- Utilisez le déclencheur (**G**) uniquement en combinaison avec le T-plus. Déposez le déclencheur après utilisation.

Exigences de sécurité pendant l'installation

Version Flamco T-plus	p max.	T max.
Version ottone (2)	16 bar	130 °C
Version laton (2)	16 bares	130 °C
Versie (1)	25 bares	130 °C

**ESP**

**1. Aspectos generales**  
Le T-plus se utiliza para instalar derivaciones en una linea presurizada que transporta agua, aire o líquidos y gases no inflamables. No es necesario despresurizar el sistema para ello.

**Seguridad**

- T-plus solo puede ser utilizado por personal autorizado (mayores de 18 años, debido al uso de cargas de resorte). Cumpla las leyes y normativas locales.
- No utilice T-plus en entornos donde haya riesgo de incendio o explosión.
- Use el Cortador (**G**) únicamente junto con T-plus. Retire el Cortador después de su uso.

Requisitos de seguridad durante la instalación

Versión Flamco T-Plus	p máx.	T máx.
Versión ottone (2)	16 bar	130 °C
Versión latón (2)	16 bares	130 °C
Versión de Hierro Fundido (1)	25 bares	130 °C

**ITA**

**1. Parte generale**  
Flamco T-plus è impiegato per praticare derivazioni in condutture d'acqua, aria od altre sostanze neutre e non infiammabili. Per l'installazione non è necessario azzerare la pressione per esso.

**Sicurezza**

- T-plus può essere utilizzato solo da personale autorizzato (18+ anni, in seguito alla presenza di forza elastomeccanica). Conformarsi alla legislazione e alle normative locali.
- Non utilizzare T-plus in ambienti a rischio d'incendio o d'esplosione.
- Usare il Cortador (**G**) solo in combinazione con T-plus. Rimuovere il Trigger dopo l'uso.

Prescrizioni di sicurezza durante l'esercizio

Flamco versione T-Plus	p máx.	T máx.
Versione ottone (2)	16 bar	130 °C
Versione laton (1)	25 bares	130 °C

**SWE**

**1. Allmänt**  
T-plus används för att förgrena en trycksatt ledning med vatten, luft eller andra oantändliga vätskor och gaser. Systemet måste inte vara tryckslott när du kopplar in den.

**Säkerhet**

- T-plus får endast användas av godkänd personal (över 18 års ålder) på grund av färgbelastningen. Se till att lokala regler och föreskrifter följs.
- Använd aldrig T-plus där det finns brandrisk eller explosionsrisk.
- Använd utlösaren (**G**) endast i kombination med T-plus. Ta bort utlösaren när du är klar.

Säkerhetsföreskrifter under installation

Flamco T-plus	p högst	T högst
Mässing version (2)	16 bar	130 °C
Gjutjärnsversion (1)	25 bar	130 °C

**NOR**

**1. Generell**  
T-plus använder til å lage en avgrenning fra en tryksatt linje som fører vann, luft eller andre ikke-antennelige væsker eller gasser. Systemet trenger ikke å avlastes før trykk for å gjøre dette.

**Sikkerhet**

- T-plus må bare brukes av autorisert personell (18+ eller eldre pga. bruk av fargebelastning). Se til at lokale regler og føreskrifter følges.
- Bruk ikke T-plus i miljøer hvor det kan forekomme fare for eksplosjon.
- Bruk utlösaren (**G**) bare i kombinasjon med T-plus. Fjern utlösaren når du er klar.

Sikkerhetsforskrifter for installasjonen

Flamco T-plus-versjon	p maks.	T maks.
Messing versjon (2)	16 bar	130 °C
Støpejernversjon (1)	25 bar	130 °C

**Table M**

**1. General**  
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Safety requirements during installation.

Flamco T-plus version	p max.	T max.
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Cast-iron version (1)	25 bar	130 °C

**2. Installation**

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**Installation**

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- Do not move the T-plus once the bolts have been tightened.
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- Remove the cap (**E**) from the pin (<

