

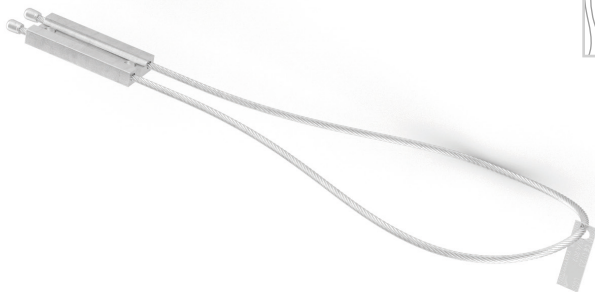
## LOOP - LOOP XL INSTALLATION MANUAL



C20/25



GL24H



read also:



+



=



LOOP-LOOPXL  
Installation  
Manual

LOOP-LOOPXL  
Safety  
Regulations

EN  
795:2012  
A

UNI  
11578:2015  
A



LOOP-LOOPXL  
Installation  
Manual



LOOP-LOOPXL  
Safety  
Regulations

## TOOLS



VINYLESTER<sup>(1)</sup>



(1) VINYLESTER CHEMICAL  
ANCHOR WITHOUT STYRENE

## SAFETY INSTRUCTIONS

- IT** L'installazione e/o utilizzo del prodotto Rotho Blaas è permessa solo a personale esperto previa lettura e comprensione delle **1** **MANUALE D'INSTALLAZIONE** e delle **2** **NORME DI SICUREZZA** nella lingua del relativo Paese di utilizzo.
- DE** Die Installation und/oder die Verwendung des Produkts von Rotho Blaas ist ausschließlich Fachpersonal vorbehalten, nachdem es die **1** **INSTALLATIONSHANDBUCH** und die **2** **SICHERHEITSVORSCHRIFTEN** in der Sprache des Verwendungslandes gelesen und verstanden hat.
- EN** Only qualified personnel may install and/or use this Rotho Blaas product, after reading and understanding the **1** **INSTALLATION MANUAL** and the **2** **SAFETY REGULATIONS**, in the language of the country of use.
- ES** La instalación y/o el uso del producto Rotho Blaas solo están permitidos al personal experto después de haber leído y comprendido la **1** **MANUAL DE INSTALACIÓN** y las **2** **NORMAS DE SEGURIDAD** en el idioma del país en el que se utiliza.
- FR** Seul le personnel expérimenté peut installer et/ou utiliser ce produit Rotho Blaas, après avoir lu et compris les **1** **MANUEL D'INSTALLATION** et les **2** **NORMES DE SECURITE** dans la langue du pays où le produit est utilisé.
- PT** A instalação e/ou utilização do produto RothoBlaas só é permitida a pessoal especializado após a leitura e compreensão das **1** **INFORMAÇÕES NECESSÁRIAS** e das **2** **NORMAS DE SEGURANÇA** na língua do respetivo país onde será utilizado.
- RU** К установке и (или) использованию продукции Rotho Blaas допускается только высококвалифицированный персонал после обязательного прочтения и усвоения **1** **РУКОВОДСТВО ПО УСТАНОВКЕ** и **2** **ПРАВИЛ ТЕХНИКИ БЕЗОПАСНОСТИ** на языке соответствующей страны использования.
- CS** Instalace a/nebo použití výrobku Rotho Blaas je povoleno pouze odborným osobám po přečtení a pochopení **1** **NÁVODU K INSTALACI** a **2** **BEZPEČNOSTNÍCH PŘEDPISŮ** v jazyce příslušné země použití.
- DA** Kun kvalificeret personale må installere og/eller bruge dette Rotho Blaas-produkt efter at have læst og forstået den **1** **INSTALLATIONSMANUALEN** og **2** **SIKKERHEDSFORSKRIFTERNE** på brugerens sprog.
- EL** Η εγκατάσταση ή/και η χρήση του προϊόντος Rotho Blaas επιτρέπεται μόνο σε έμπειρο προσωπικό που έχει διαβάσει και κατανοήσει τις **1** **ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ** και τους **2** **ΚΑΝΟΝΙΣΜΟΥΣ ΑΣΦΑΛΕΙΑΣ** στη γλώσσα της σχετικής χώρας χρήσης.
- ET** Antud Rotho Blaasi toodet tohib paigaldada ja / või kasutada ainult kvalifitseeritud personal, kes on lugenud kasutamise riigi keeles **1** **PAIGALDUSJUHENDIS** ja **2** **OHUTUSESKIRJU** ning nendest aru saanud.
- FI** Tämän Rotho Blaas -tuotteen asennus ja/tai käyttö on sallittu vain asiantuntevan henkilöstön toimesta sen jälkeen, kun he ovat lukeneet ja ymmärtäneet **1** **ASENNUSOHJEIDEN** ja **2** **TURVALLISUUSMÄÄRÄYKSET** käyttömaan kielellä.
- HR** Postavljanje i/ili uporaba proizvoda Rotho Blaas dopuštena je samo stručnom osoblju koje je prethodno pročitalo i razumjelo **1** **UPUTA ZA MONTAŽU** kao i **2** **PROPISE O SIGURNOSTI** na jeziku zemlje uporabe.
- HU** A Rotho Blaas termékét kizárólag hozzáértő személyzet szerelheti be és/vagy használhatja, az adott országnak megfelelő nyelven **1** **TELEPÍTÉSI KÉZIKÖNYV** és **2** **BIZTONSÁGI SZABÁLYOK** elolvasása és megértése után.

## INFORMATION

Type  
**Rothoblaas**  
**LOOP/LOOP XL/KRAKEN**

Related standard(s)  
**EN 795:2012 A**  
**UNI 11578:2015 A**

Maximum number of users  
**1 user**

Name or logo of manufacturer/distributor  
**ROTHOBLAAS**

Serial number and year of manufacture  
**KRAKEN: XXXXXYY** (XXXX = lot number; YY = year)  
**LOOP - LOOP XL: XXXXXXXXXXXX** (XXXXXXXXXXXX = lot number)

**1**

LOOP-LOOPXL  
Installation  
Manual

**2**

LOOP-LOOPXL  
Safety  
Regulations

## PRODUCT INFORMATION



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LOOP - LOOP XL



KRAKEN

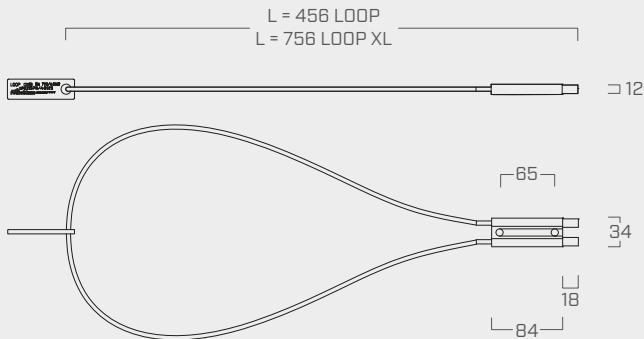


## SAFETY INSTRUCTIONS

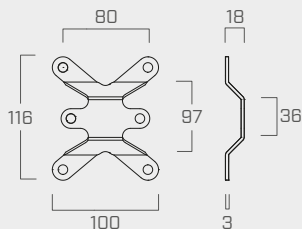
- IS** Aðeins þjálfað starfsfólk má setja upp og/eða nota þessa Rotho Blaas-vöru eftir að hafa lesið og skilið **1** **UPPSETNINGARHANDBÓKAR** og **2** **REGLUGERDIR UM ÖRYGGI** á tungumáli þess lands sem varan er notuð í.
- LT** Produkta „Rotho Blaas“ montuoti ir (arba) naudoti leidžiama tik patyrusiam personalui, prieš tai perskaičius ir supratęs **1** **MONTAVIMO VADOVE** ir **2** **SAUGOS TAISYKLES** atitinkamos šalies, kurioje eksploatuojama, kalba.
- LV** Rotho Blaas produkta uzstādīšana un/vai lieošana ir atļauta tikai pieredzējušam darbiniekam pēc **1** **UZSTĀDĪŠANAS ROKASGRĀMATĀ** un **2** **DROŠĪBAS NOTEIKUMU** izlasīšanas un izpratnes attiecīgās valsts valodā, kurā produkts tiks lietots.
- NL** De installatie en/of het gebruik van het product Rotho Blaas is voorbehouden aan uitsluitend vakbekwaam personeel dat de **1** **INSTALLATIEHANDLEIDING** en de **2** **VEILIGHEIDSVOORSCHRIFTEN** in de taal van het land van gebruik gelezen en begrepen heeft.
- NO** Dette Rotho Blaas-produktet skal bare installeres og/eller brukes av kvalifisert personell som har lest og forstått **1** **INSTALLASJONSHÅNDBOKEN** og **2** **SIKKERHETSFORSKRIFTENE**, på det språket som brukes i landet produktet anvendes.
- PL** Instalacji i/lub użytkowania produktu Rotho Blaas może dokonać wyłącznie doświadczony personel, który przeczytał i zrozumiał **1** **MANUAL DE INSTALACÃO** oraz normy **2** **BEZPIECZENSTWA** w języku kraju użytkowania.
- RO** Instalarea și/sau utilizarea produsului Rotho Blaas este permisă numai personalului expert, după ce a citit și înțeles **1** **MANUALUL DE INSTALARE** și **2** **NORMELE DE SIGURANȚĂ** în limba țării de utilizare a produsului.
- SK** Inštalácia a/alebo používanie produktu Rotho Blaas je povolené len skúsenému personálu po predchádzajúcom prečítaní a pochopení **1** **NÁVODE NA INŠTALÁCIU** a **2** **BEZPEČNOSTNÝCH NORIEM** v jazyku príslušnej krajiny používania.
- SL** Ta proizvod Rotho Blaas lahko namesti in/ali uporablja samo izkušeno osebe, ki je prebralo in razume vse **1** **NAVODILIH ZA VGRADNJO** in **2** **VARNOSTNE PREDPISE** v jeziku države njegove uporabe.
- SV** Endast erfaren personal får installera och/eller använda den här Rotho Blaas-produkten efter att **1** **INSTALLATIONSANVISNINGARNA** och **2** **SÄKERHETSFORESKRIFTER** har lästs igenom på språket i installationslandet.
- TR** Sadece yetkili personel **1** **KURULUM KILAVUZUNDA** ve **2** **GÜVENLİK MEVZUATINI** (2) ürünün kullanıldığı ülke dilinde okuyup anladıktan sonra Rotho Blaas ürünü kurabilir ve/veya kullanabilir.
- JA** Rotho Blaas製品の施工および使用は、資格を有する専門家のみに許可されています。施工および使用前に、必ず使用する国の言語で**1**設置マニュアルと**2**安全規則をお読み下さい。
- ZH** 只有具备合格资质的人员在阅读并理解以使用国的语言编写的**1**安装手册和**2**安全规程后才能安装和/或使用该Rotho Blaas产品。
- AR** يمكن فقط للفنيين المؤهلين باستخدام أو تركيب منتج Rotho Blaas بعد قراءة وفهم دليل التثبيت **1** نظر السلامة **2** بلغة البلد المستخدم فيها المنتج.



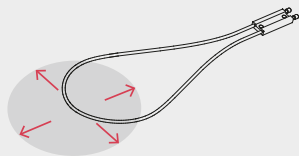
## LOOP/LOOP XL DIMENSIONS



## KRAKEN DIMENSIONS



## LOAD TEST MODEL

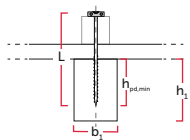
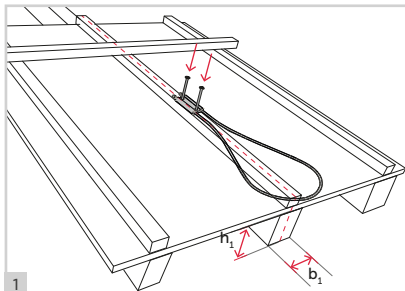


- IT** ⚠ Verificare idoneità statica del sottofondo di montaggio!
- DE** ⚠ Die statische Eignung des Montageuntergrundes sicherstellen!
- EN** ⚠ Check the static suitability of the installation substrate!
- ES** ⚠ ¡Compruebe la idoneidad estática del sustrato de montaje!
- FR** ⚠ Vérifier l'adéquation statique du substrat d'assemblage!

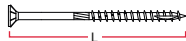
## LOOP - LOOP XL WOOD SUBSTRUCTURE



GL24H



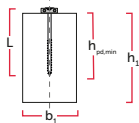
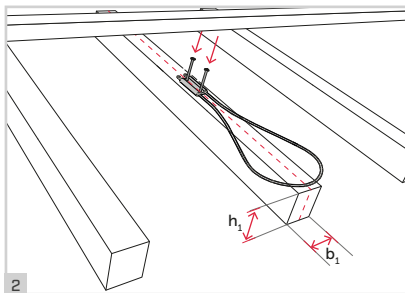
2 x HBS 8 x L mm



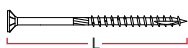
$h_1 \geq 100 \text{ mm}$      $b_1 \geq 100 \text{ mm}$   
 $h_{pd,min} \leq h_1$      $L \geq 100 \text{ mm}$   
 $h_{pd,min} \geq 80 \text{ mm}$



GL24H



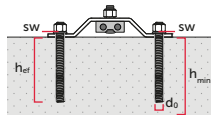
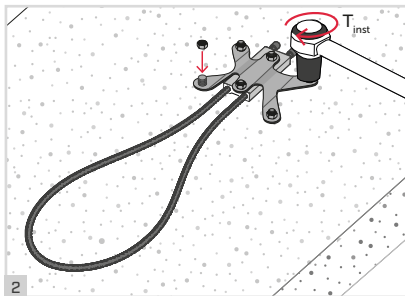
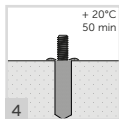
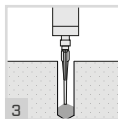
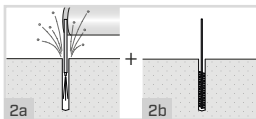
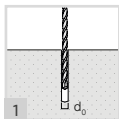
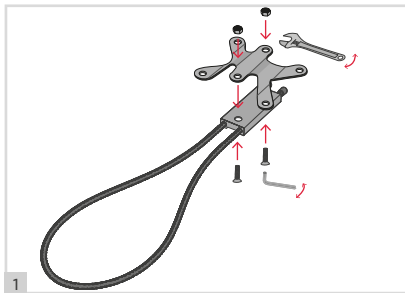
2 x HBS 8 x L mm



$h_1 \geq 100 \text{ mm}$      $b_1 \geq 100 \text{ mm}$   
 $h_{pd,min} \leq h_1$      $L > h_{pd,min}$   
 $h_{pd,min} \geq 80 \text{ mm}$      $L \geq 100 \text{ mm}$

# LOOP - LOOP XL + KRAKEN

CONCRETE SUBSTRUCTURE + MB + VINYLESTER

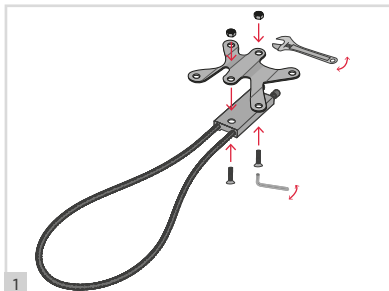


4 x MB - 5.8 min



$64 \leq h_{eff} \leq 160 \text{ mm}$   $d = 8 \text{ mm}$   
 $h_{min} \geq h_{eff} + 30 \text{ mm}$   $L \geq h_{eff} + 18 \text{ mm}$   
 $h_{min} \geq 100 \text{ mm}$   $SW = 13 \text{ mm}$   
 $d_0 = 10 \text{ mm}$   $T_{inst} = 10 \text{ Nm}$

# LOOP - LOOP XL + KRAKEN CONCRETE SUBSTRUCTURE + SKS\*



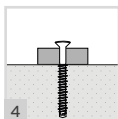
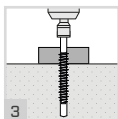
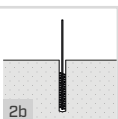
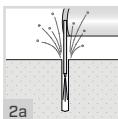
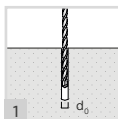
\* SKS: Rothblaas screw anchor for concrete



x 2

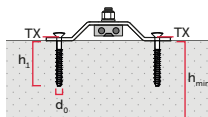
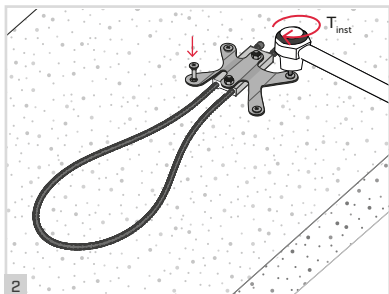


x4

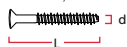


x4

Nm



4 x SKS 7,5 x 60 mm



$h_1 > 60$  mm

$d_0 = 6$  mm

$h_{min} \geq 100$  mm

$L = 60$  mm

$d = 7,5$  mm

$TX = 40$  mm

$T_{inst} = 10$  Nm



## Rotho Blaas SRL

11-22

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