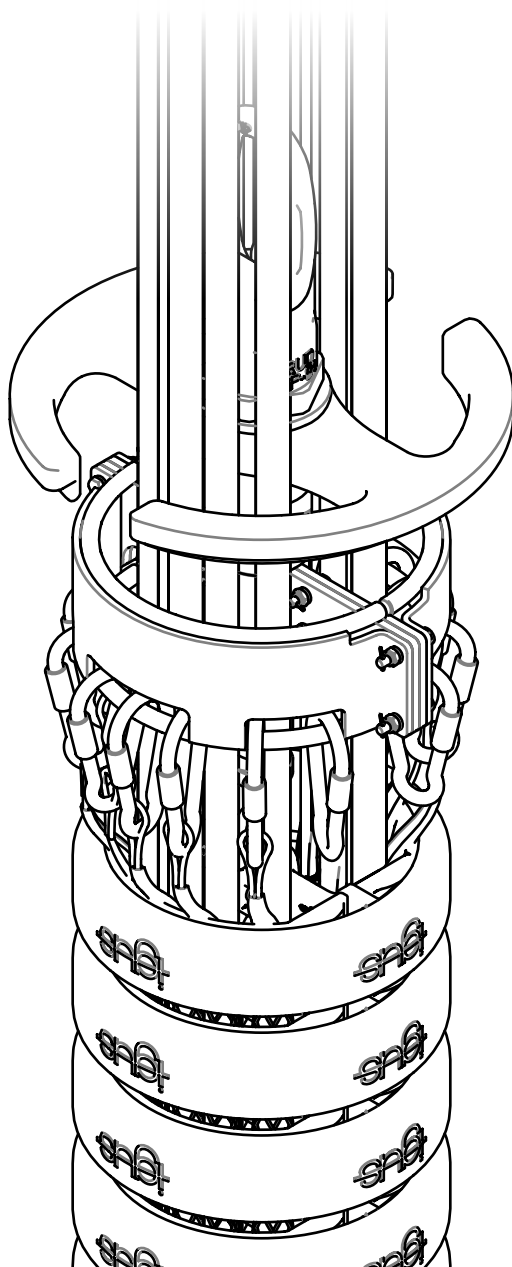


Installationsanleitung e-loop Installation manual e-loop
e-ketten®

E-LOOP



Sicherheitshinweise / Safety instructions



DANGER/GEFAHR

Personen, die unter Einfluss von Drogen, Alkohol oder die Reaktionsfähigkeit beeinflussenden Medikamenten stehen, dürfen e-ketten systeme nicht montieren, in Betrieb nehmen, bedienen, instandhalten, reparieren oder demontieren.

Persons who are under the influence of drugs, alcohol or medication that affects their ability to react must not assemble, commission, operate, maintain, repair or dismantle e-chain systems.



DANGER/GEFAHR

Für das Arbeiten mit oder an dem e-loop ist folgende persönliche Schutzausrüstung zu beachten:

- Arbeitsschutzkleidung
- Schutzhelm
- Schutzbrille
- Sicherheitsschuhe
- Handschuhe
- (PSA gegen Absturz)
- Darüber hinaus müssen auch die für die jeweilige Branche oder den besonderen Einsatzzweck gültigen Vorschriften beachtet werden. So gibt es spezielle Sicherheitsregeln, die beachtet werden müssen.

The following personal protective equipment must be observed when working with or on the e-loop:

- Protective work clothing
- Hard hat
- Goggles; or Safety Glasses
- Safety shoes
- Gloves
- (PPE against crash)
- In addition, the regulations applicable to the respective industry or special purpose must also be observed. For example, there are special safety rules that must be observed.



DANGER/GEFAHR

Sämtliche Umbauten und Veränderungen des e-loops müssen den sicherheitstechnischen Anforderungen entsprechen. Arbeiten an elektrischen Komponenten dürfen nur von Elektrofachkräften entsprechend den elektrotechnischen Vorschriften ausgeführt werden.

All conversions and changes to the e-loop must comply with technical safety requirements. Work on electrical components may only be carried out by qualified electricians in accordance with electrical engineering regulations.

Die Handhabung und Montage des e-loops muss ausschließlich durch eingewiesenes Fachpersonal erfolgen.

Handling and installation of the e-loop must only be carried out by trained personnel.



WARNING/WARNUNG

Die landesspezifischen Unfallverhütungsvorschriften und die allgemeinen Sicherheitsbestimmungen müssen beim Betrieb unserer Produkte unbedingt eingehalten werden.

The country-specific accident prevention regulations and the general safety regulations must be strictly observed when operating our products.



Durch Bewegen des e-loops besteht Quetschgefahr zwischen den einzelnen Kettengliedern, Anschlusselementen, Zugentlastung, Steckern und Leitungen.

There is a danger of crushing between the individual chain links, mounting brackets, strain relief, plugs and cables by moving / motion of the e-loop

Sicherheitshinweise / Safety instructions



Durch Bewegungen des e-loops besteht Quetschgefahr zwischen dem e-loop und anderen festen Gegenstände und Bauteilen. Durch den Betreiber ist sicherzustellen, dass sich keine Personen im Gefahrenbereich aufhalten. Zu Wartungs- und Instandhaltungsarbeiten Lastaufnahmemittel benutzen.

Due to e-loop movements there is a risk of crushing in between the e-loop and other equipment or objects. The operator needs to ensure that no people are working in hazardous areas.



Durch Beschädigungen können Teile des e-loops oder das gesamte Produkt herunterfallen und darunter befindliche Personen verletzen.

Durch den Betreiber ist sicherzustellen, dass sich keine Personen im Gefahrenbereich aufhalten. Regelmäßige Sichtkontrolle der Teile auf Verschleiß (siehe Wartungsplan).

Damage may cause parts of the e-loop or the entire product to fall and injure people underneath.



Elektrische Gefährdung durch (im Fehlerfall) spannungsführende Teile des Produkts.

Electrical hazard due to (in case of fault) live parts of the product.



Bei der Montage der Leitungen besteht die Möglichkeit des Kontakt mit spannungsführenden Teilen. Zudem besteht bei fehlerhafter Montage Gefahr des elektrischen Schlages.

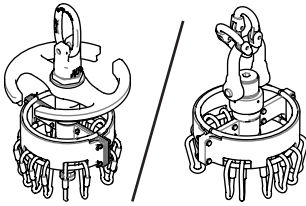
When installing the cables, there is the possibility of contact with live current. In addition, there is a risk of electric shock if the cables are installed incorrectly.



Beim Abriss des e-loops (Sollbruchstelle) besteht die Gefahr des elektrischen Schlages. Es wird empfohlen eine Abschaltsteuerung für den Fall des Abrisses anzubringen.

If the e-loop (predetermined breaking point) is torn off, there is a risk of electric shock. It is recommended to use a shutdown control in case of torn off.

1

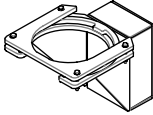


ELP.917.915.FL.DS

ELP.917.915.HO.DS

2x

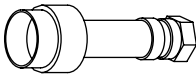
2



D00152317

2x

3



Steckverbinder
connectors

*

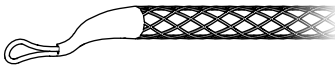
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Leitungen und Schläuche
cable and hoses

*

5



IE70.1165 - 69

*

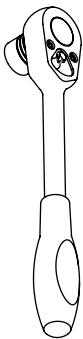
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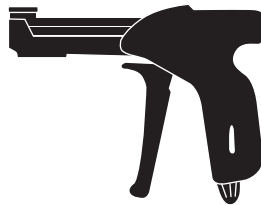
ELP.300.01.DS

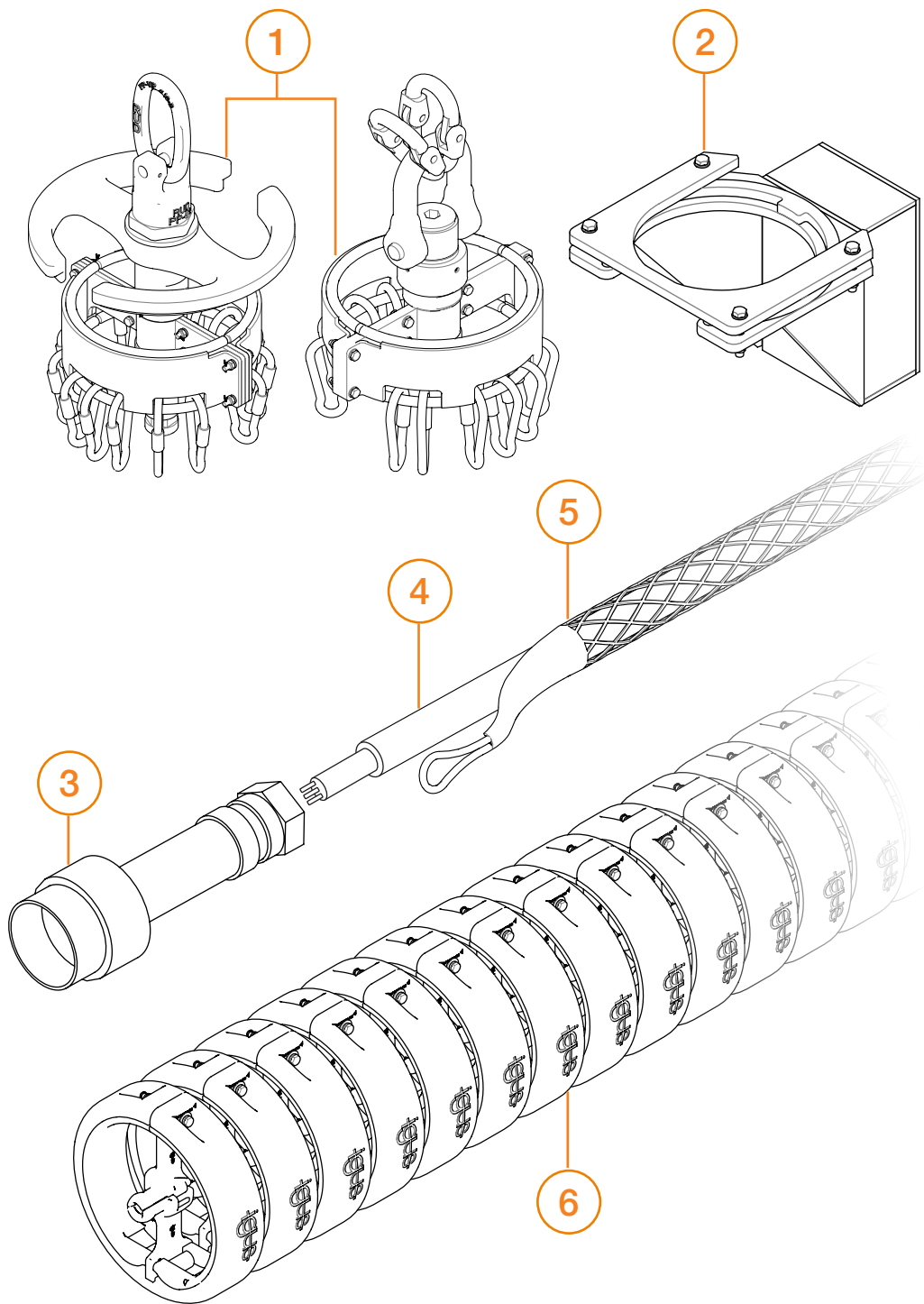
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* siehe Bestellung
see order



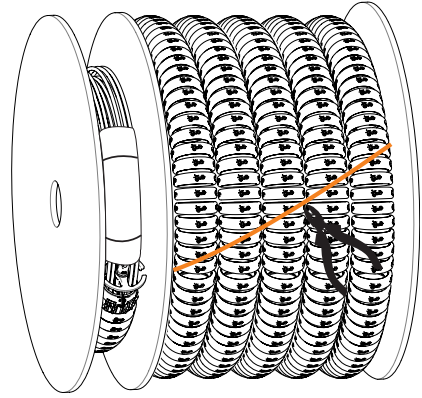
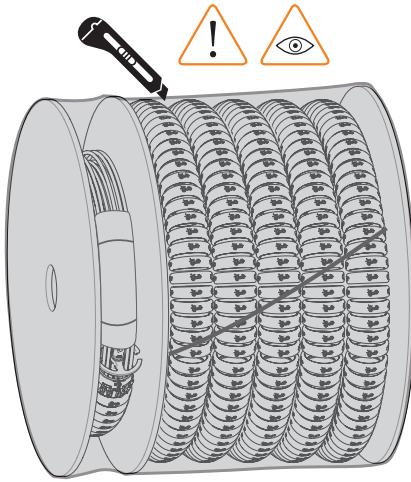
13
24



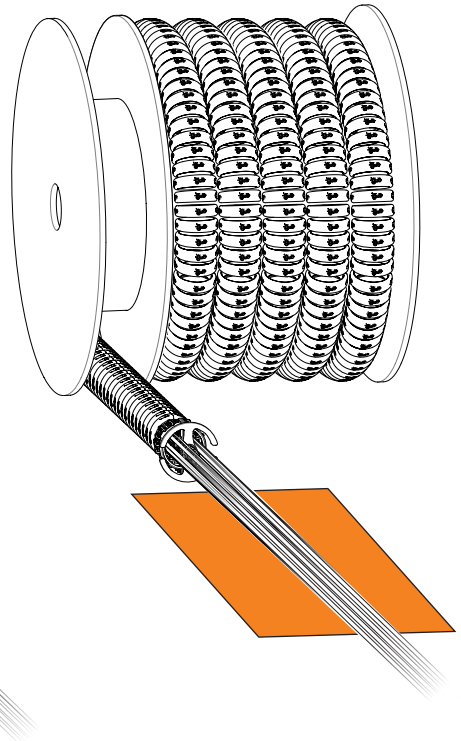
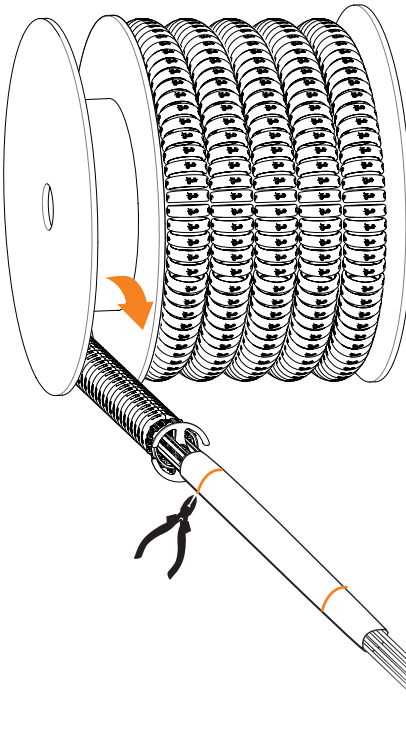


OPTION A e-loop incl. cables

1

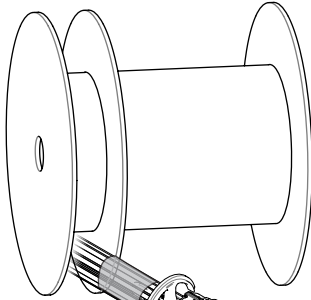


2



OPTION A e-loop incl. cables

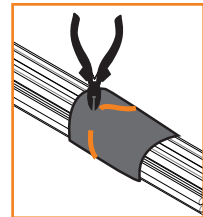
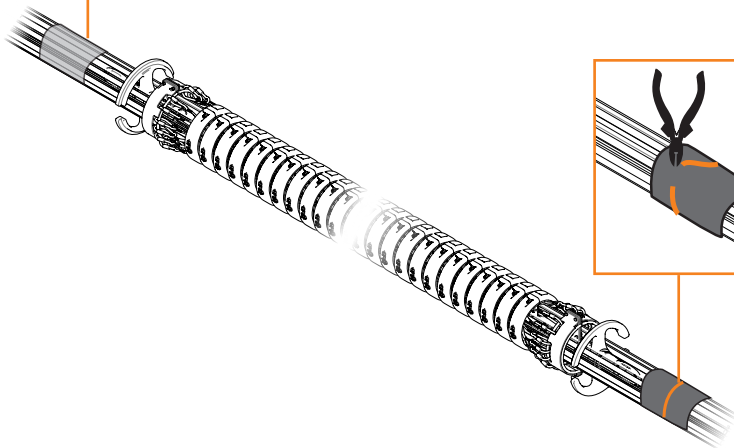
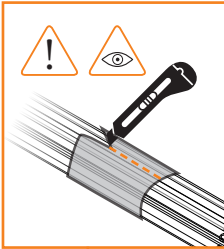
3



Vorsichtig behandeln
Verkratzungsgefahr
handle with care
risk of scratches



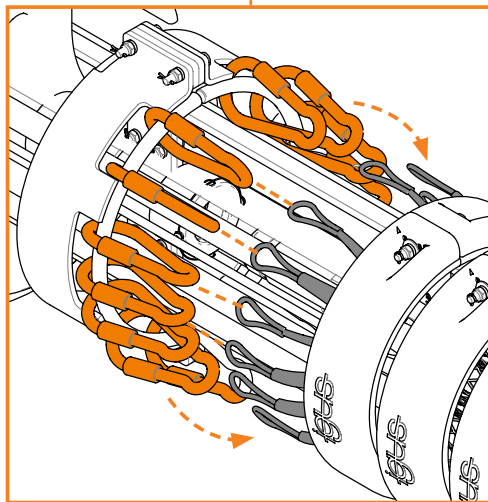
4



5

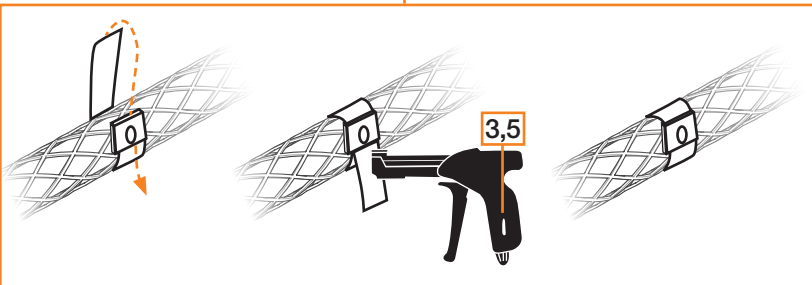
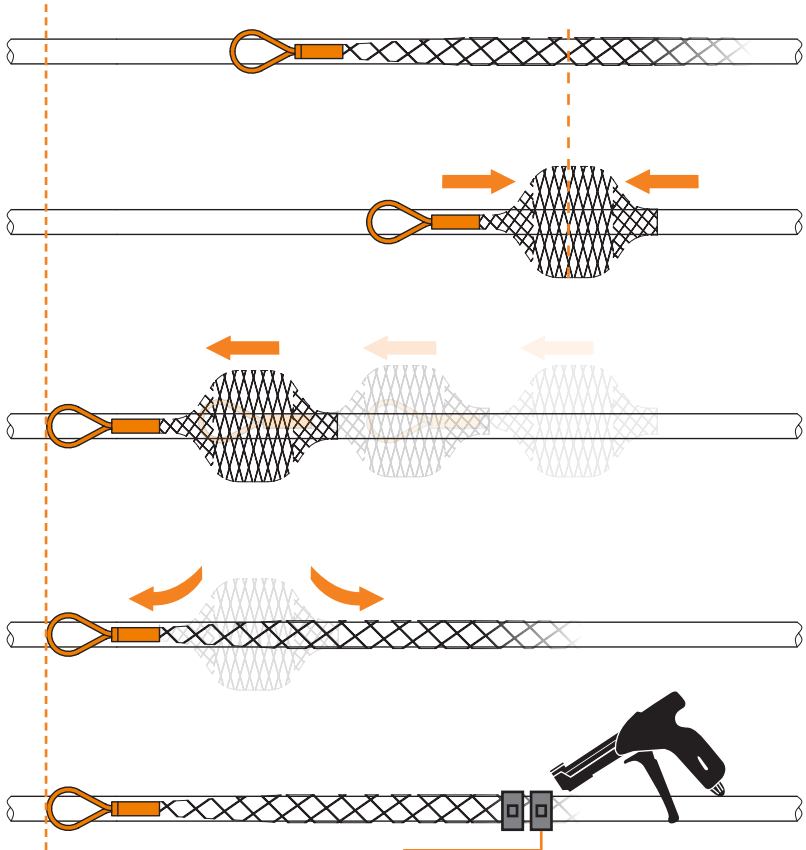
Festpunkt / Mast
fix point / mast

Mitnehmer / Topdrive
moving end / topdrive



6

Kabelstrumpf einstellen adjust slack grip



7

Leitungen einstellen
adjust cable over lenght

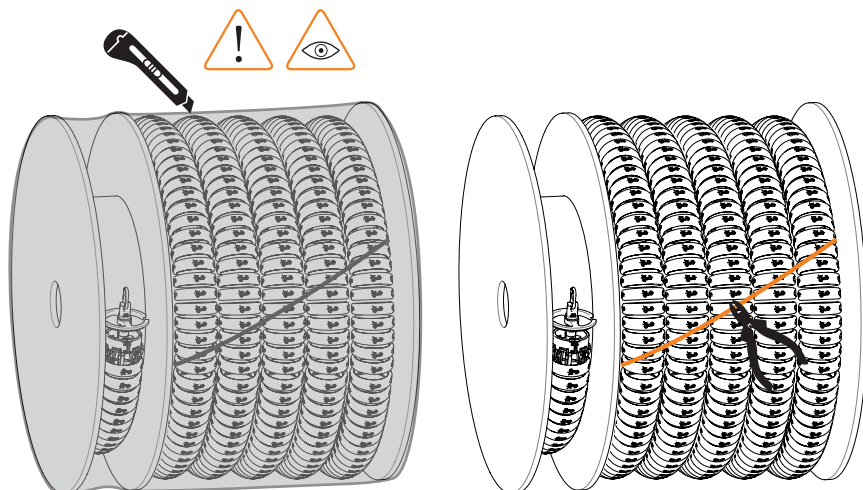
Festpunkt / Mast
fix point / mast

Mitnehmer / Topdrive
moving end / topdrive

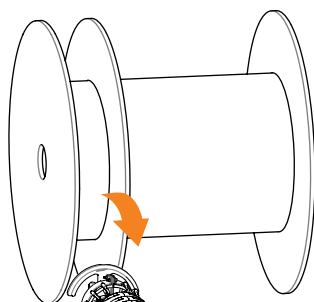


OPTION B e-loop without cables

1



2

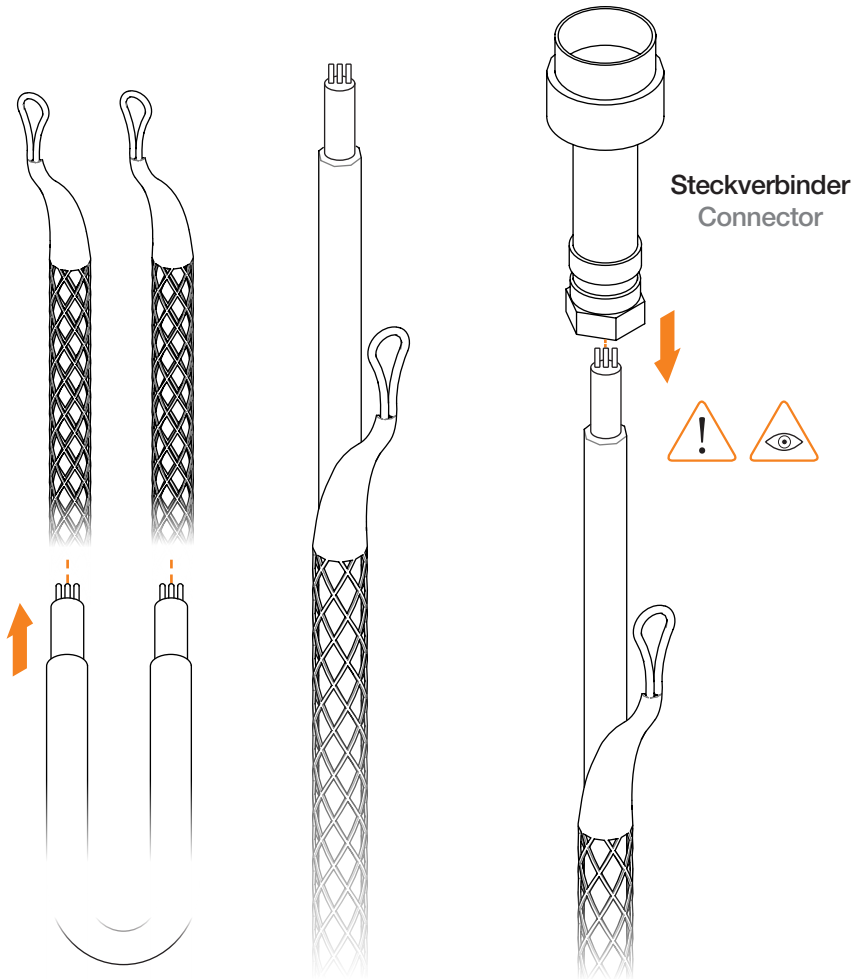


Vorsichtig behandeln
Verkratzungsgefahr
handle with care
risk of scratches

OPTION B e-loop without cables

Stecker Konfektionierung Harnessing of connectors

3



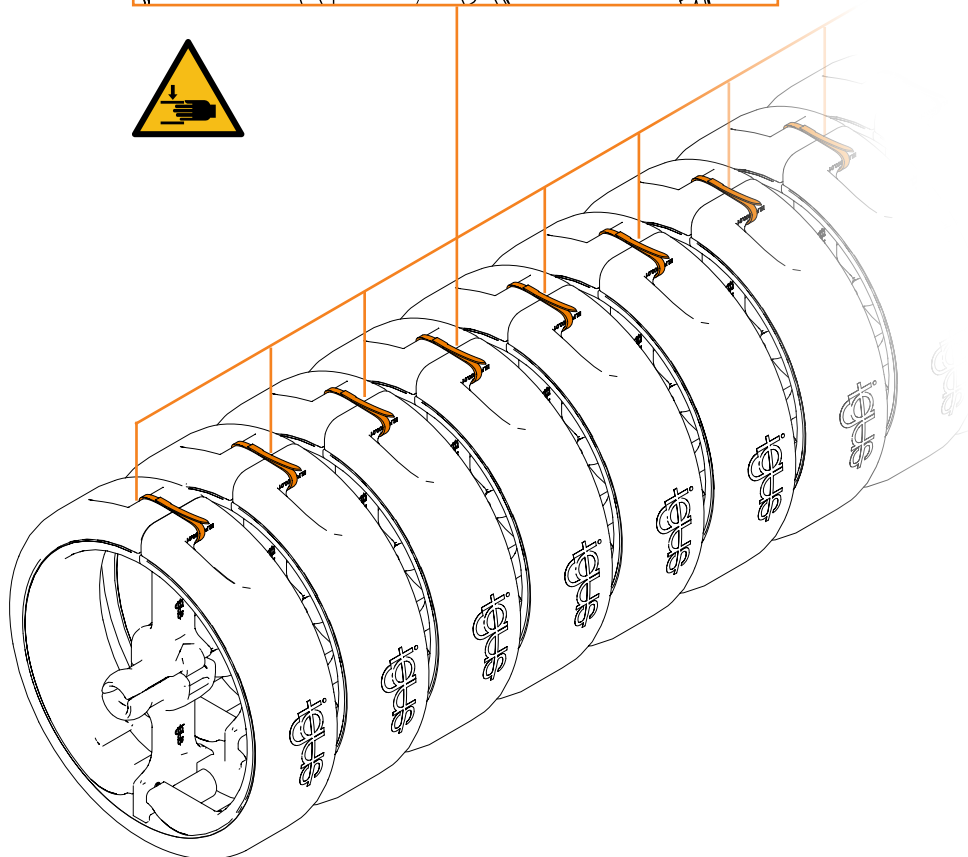
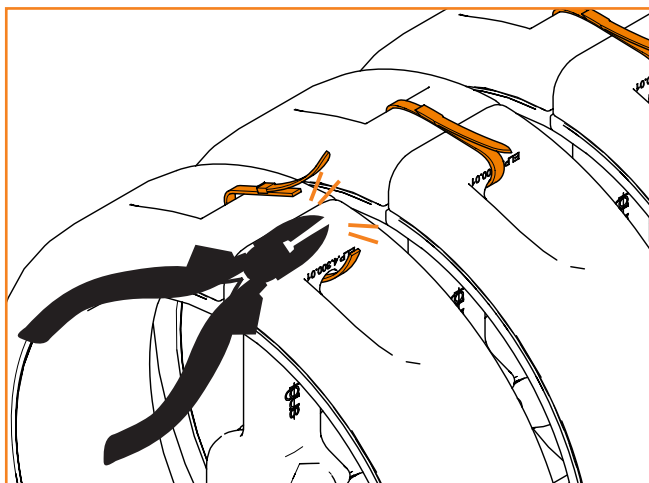
4

wiederholen
repeat

S.7 6

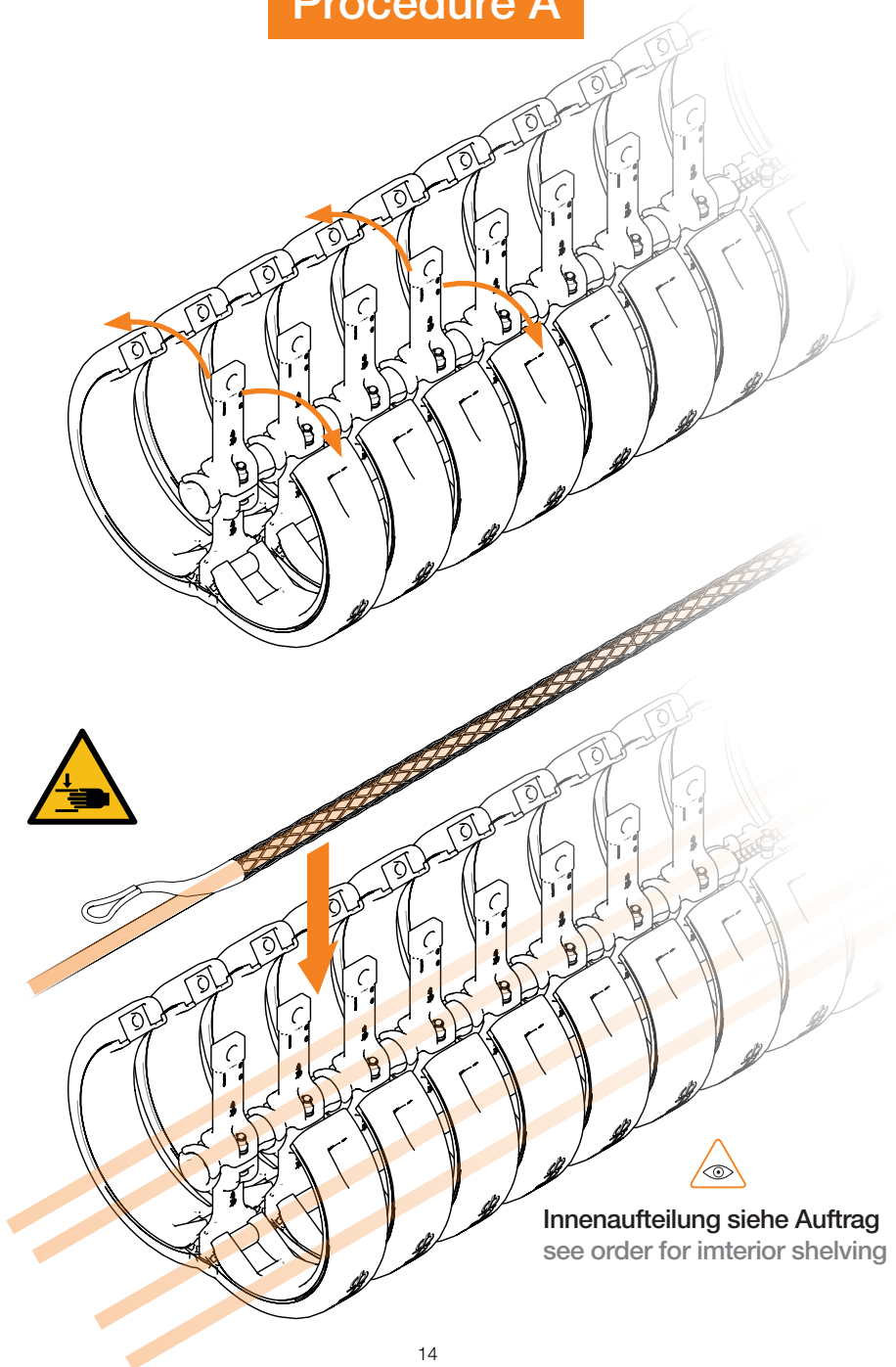


5



Procedure A

6A



Procedure B



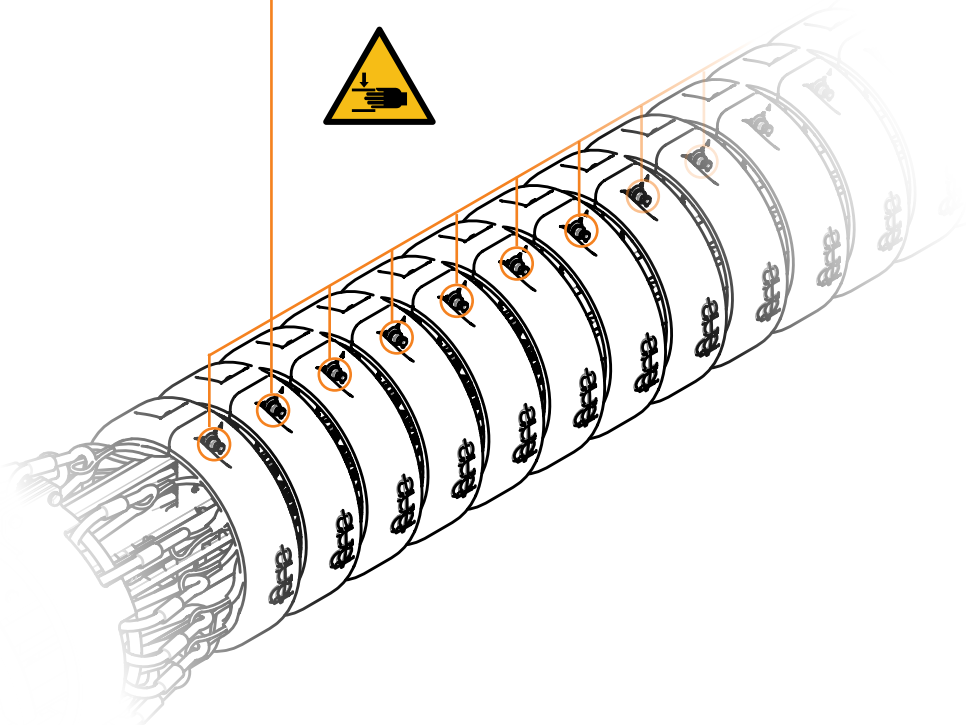
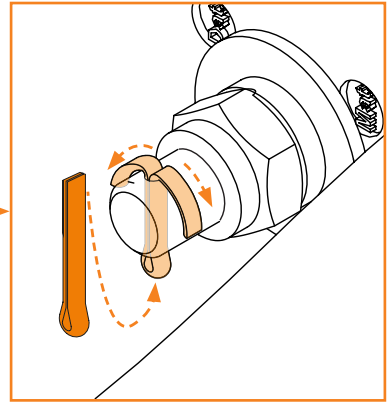
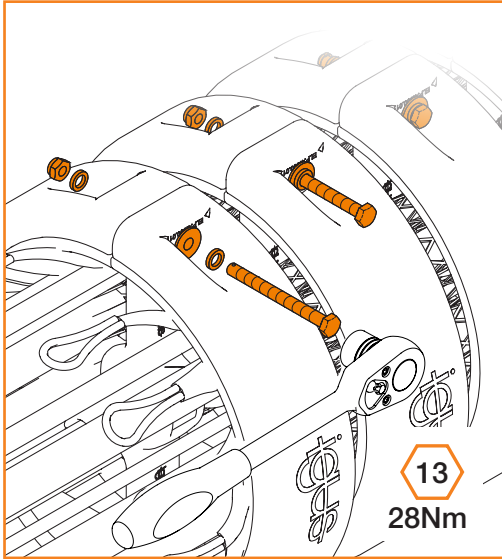
Keine konfektionierte Steckverbinder
No connectors terminated

6B



OPTION B e-loop without cables

7



8

Leitungen einstellen
adjust cable over length

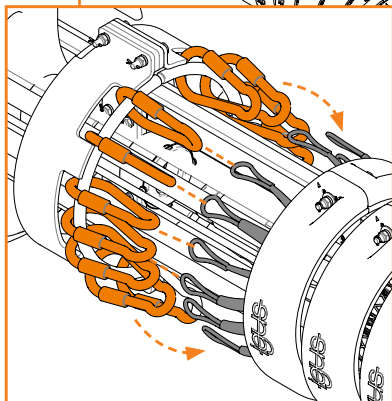
Festpunkt / Mast
fix point / mast

Mitnehmer / Topdrive
moving end / topdrive

Festpunkt / Mast
fix point / mast

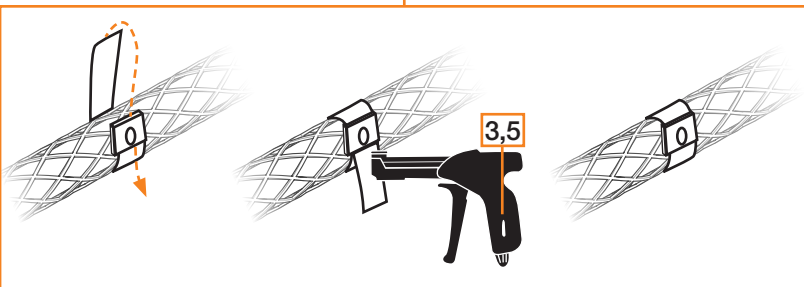
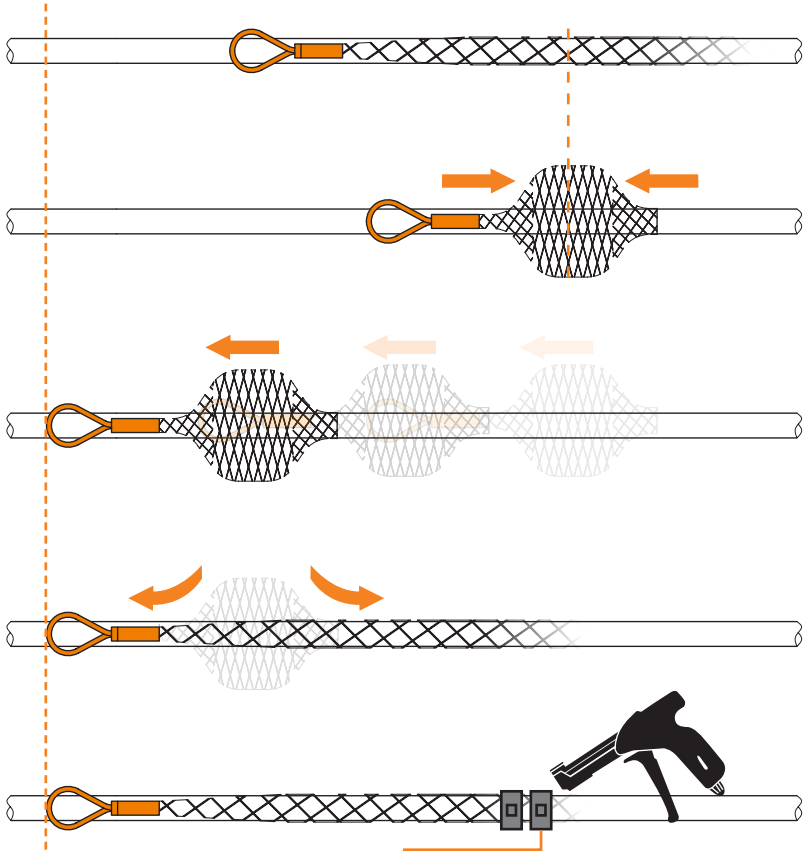


Mitnehmer / Topdrive
moving end / topdrive



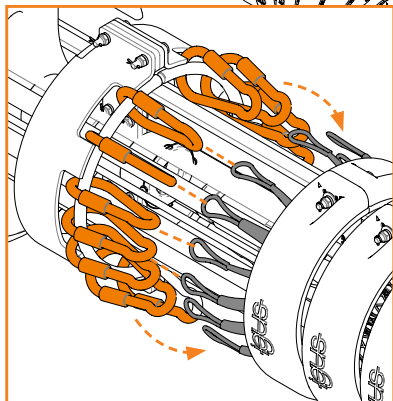
9

Kabelstrumpf einstellen adjust slack grip



10

Festpunkt / Mast
fix point / mast



Mitnehmer / Topdrive
moving end / topdrive

Leitungen einstellen
adjust cable over lenght

Festpunkt / Mast
fix point / mast



Mitnehmer / Topdrive
moving end / topdrive

Flange Version

Hook Version

11

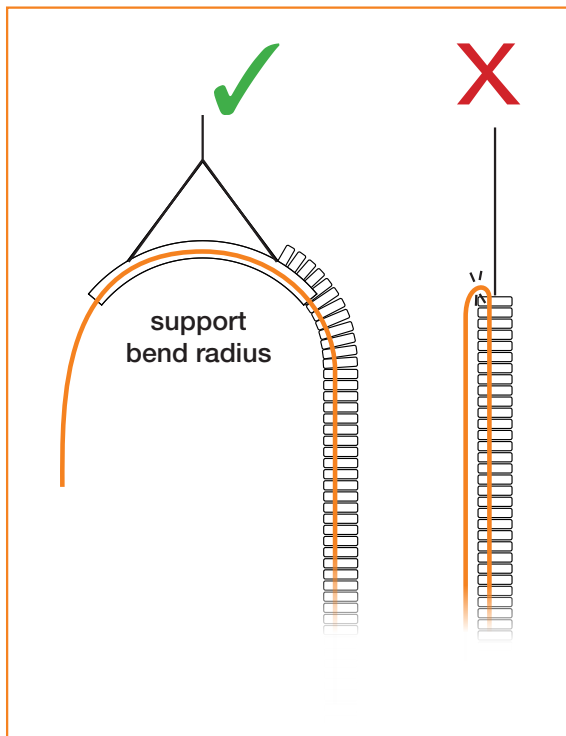
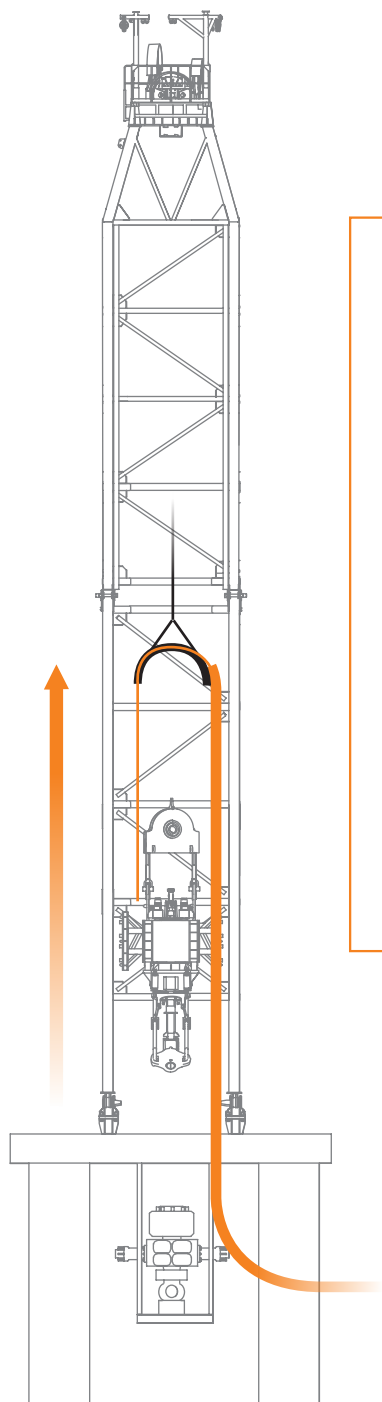
12

Festpunkt
fix point

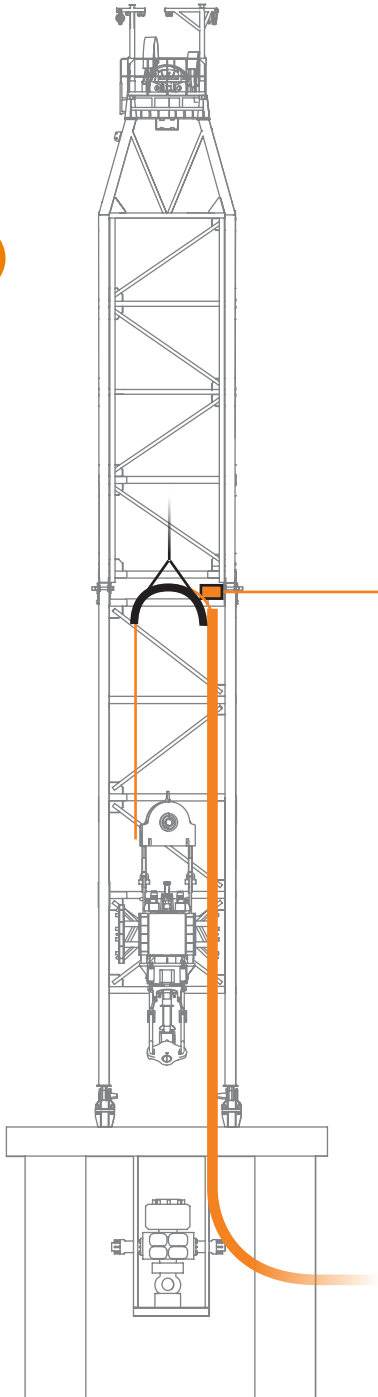
Festpunkt Seite
fix point end



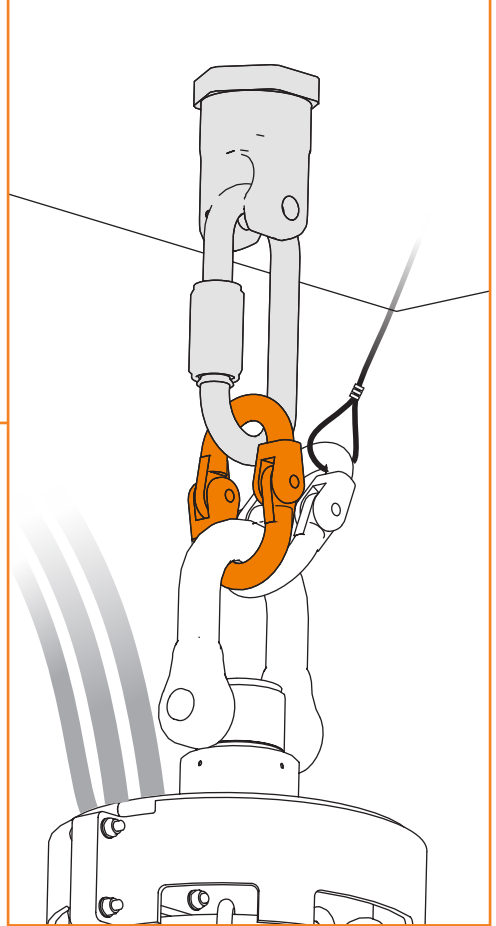
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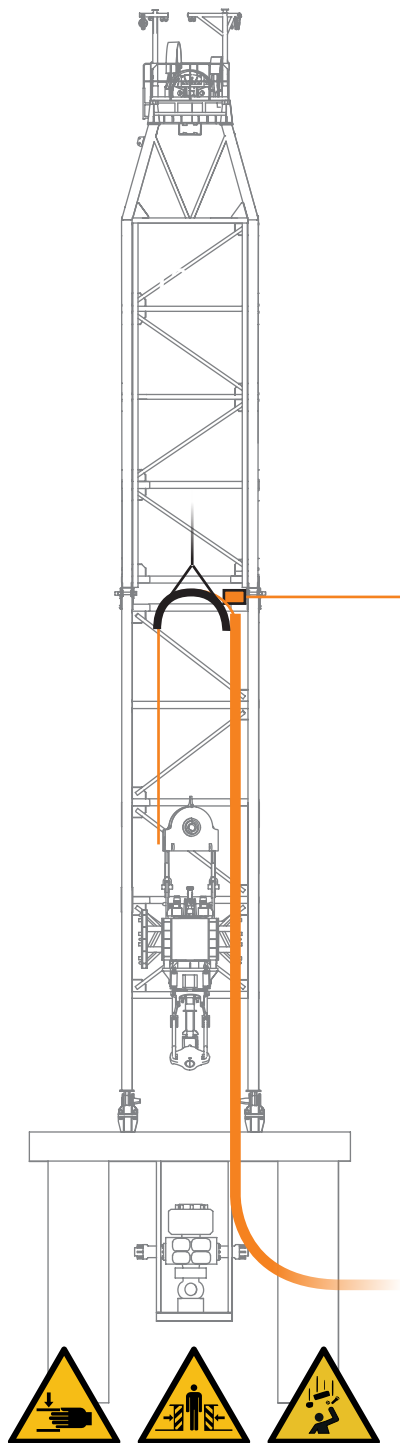
14A



Befestigungshaken hook fixture

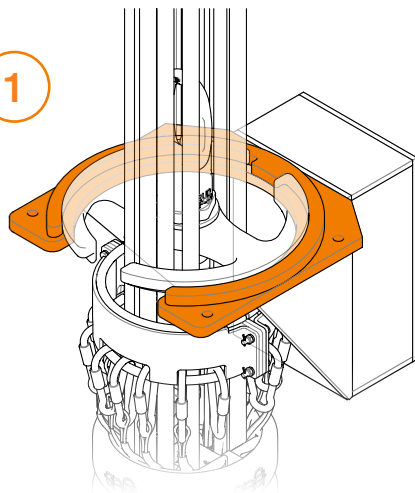


14B

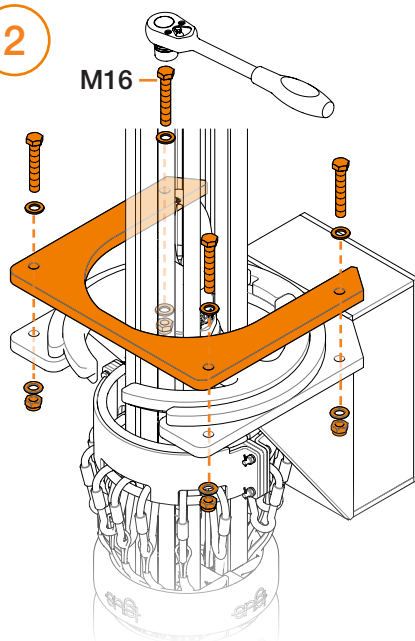


Befestigungsflansch flange fixture

1



2



15

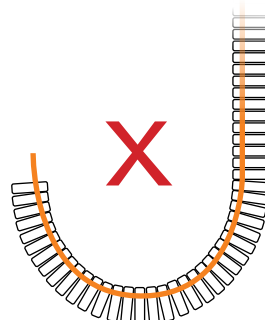
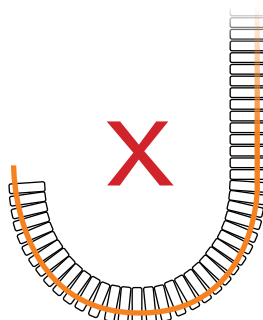
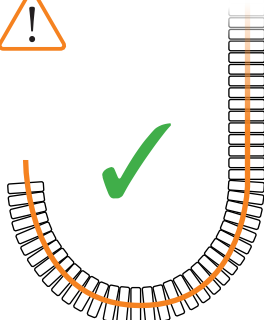
wiederholen
repeat

14A / 14B

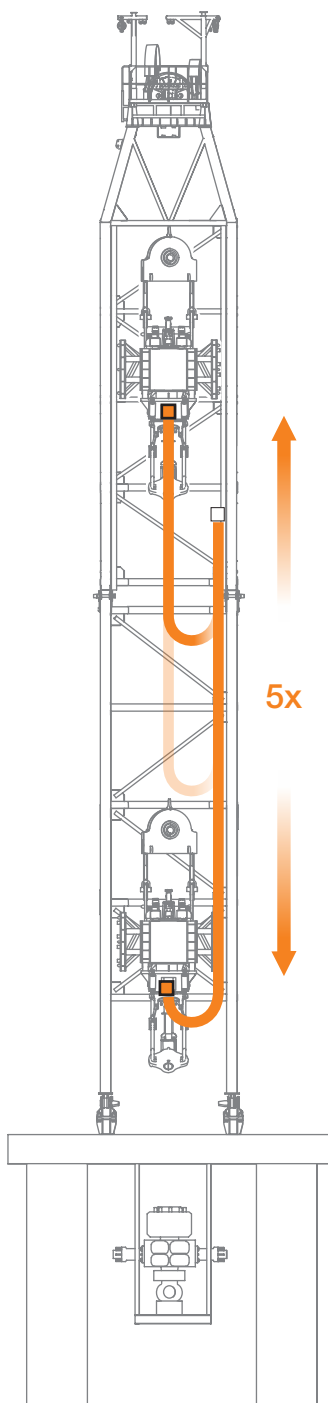
wiederholen
repeat

S.16 9

Mitnehmer Topdrive
moving end Topdrive



16



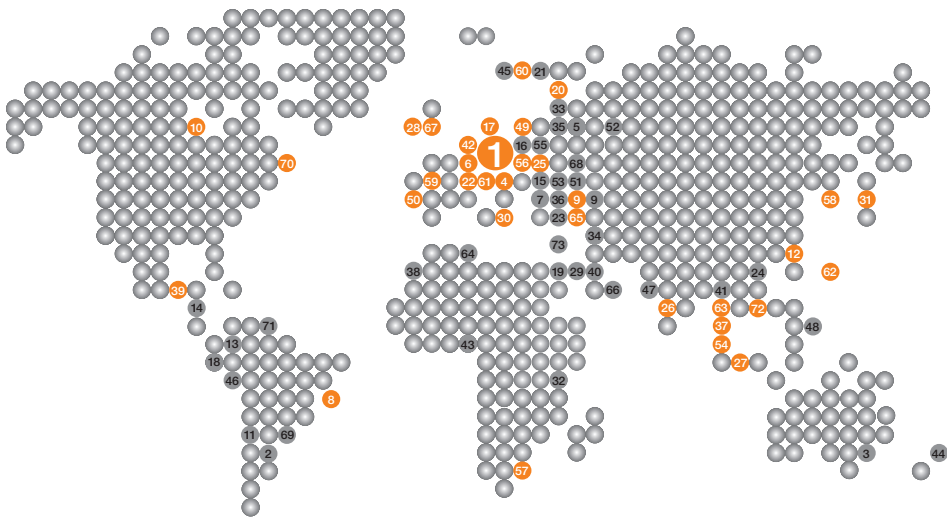
5x

Kontrollieren
double check



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1 Germany igus® GmbH Spicher Str. 1a 51147 Köln P.O. Box 90 61 23 51127 Köln Phone 02203 9649-0 Fax 02203 9649-222 info@igus.de, www.igus.de	11 Chile Vendortec Avda. Los Pajaritos 3195, Oficina 1410 Edificio Centro Maipú Maipú - Santiago Phone +56 22 710 58 25 Fax +56 23 245 02 00 ventas@vendortec.cl	21 Finland OEM Finland OY Fiskarsinkatu 3 20750 Turku PL 9, 20101 Turku Phone +358 20 7499499 Fax +358 20 7499456 info@oem.fi	29 Israel Conlog LTD P.O. Box 3265 17 Hamefalssim Str. Industrial Zone Kiryat Arie Petach-Tikva 49130 Phone +972 3 9269595 Fax +972 3 9233367 conlog@conlog.co.il	40 Middle East (except of UAE) JISigis Middle East FZE FF07, Jebel Ali Free Zone PO Box- 17483 Dubai, United Arab Emirates Phone +971 4222 1185 Fax +971 4222 1186 info@jisigis.com
2 Argentina Borintech SRL Av. Elcano 4971 C1427CIH Buenos Aires Phone +5411 4556 1000 Fax +5411 4556 1000 igus@borintech.com	12 China igus® Shanghai Co., Ltd. No.50, North Huancheng Road Fengxian district Shanghai 201401 P. R. China Phone +86 21 8036 6999 Fax +86 21 8036 6116 cnmaster@igus.net	22 France igus® SARL 49, avenue des Pépinières Parc Médicis 94260 Robbiate (LC) Phone +33 0395906.1 Fax +33 0395906.222 igustalia@igus.it	30 Italy igus® S.r.l. Via delle Rovedine, 4 23899 Robbiate (LC) Phone +39 0395906.1 Fax +39 0395906.222 igustalia@igus.it	41 Myanmar Sea Lion Co. Ltd. D1 Bo Myat Tun St Botataung Yangon 1161 Myanmar Phone +95 1 29 97 97 Fax +95 1 20 27 51 zaw.m.rhant@sealionmyanmar.com
3 Australia Treotham Automation Pty. Ltd. 14 Sydenham Road Brookvale NSW 2100 Phone +61 2 9907-17 88 Fax +61 2 9907-1778 info@treotham.com.au	13 Colombia Productos igus® SAS Calle 33A, #21-09 Bogotá Phone +57 1 561 2959 ext. 113 igus@igus.com.co	23 Greece J. & E. Papadopoulos S.A. 12 Polidelfos str Piraeus, 185 40 Phone +30 210 4113133 Fax +30 210 4116781 sales@papadopoulos-sa.com	31 Japan igus® k.k. Arcacentral 15F, 1-2-1 Kinshi, Sumida-ku Tokyo JAPAN Zip 130-0013 Phone +81 358 192030 Fax +81 358 192055 info@igus.co.jp	42 Netherlands igus® B.V. Sternenberweg 9 3769 BS Soesterberg Phone +31 346 353932 Fax +31 346 353849 info@igus.nl
4 Austria igus® polymer Innovation GmbH Photo-Play-Straße 1 4860 Lenzing Phone +43 7662 57763 Fax +43 7662 57751 igus-austria@igus.de	14 Costa Rica Enesa Equipos Neumaticos S.A. Del Colegio Marista 100 este, 200 sur, 25 este Urbanización Ciuélas Alajuela, Costa Rica Phone +506 2440-2393 Fax +506 2440-2393 equiposneumaticos@enesa.net	23 Greece Chrimotor s.a. 71, Sp. Patsi str. 118 55 Athens Phone +30 210 34 25574 Fax +30 210 3425595 info@chrimotor.gr	32 Kenya Mantrad Ltd. Sterling House, 1st. Floor Moi Avenue, Mombasa Phone +254 722 706 830 Fax +254 722 706 856 info@mantrad.co.ke	42 Netherlands – dry-tech® Elcee B.V. Kamerlingh Onnesweg 28 NL-3316 GL Dordrecht Phone +31 (0)78-654 47 77 Fax +31 (0)78-654 47 33 info@elcee.nl
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6 Belgium/Luxembourg igus® B.V.B.A. Jagersdreef 4A 2900 Schoten Phone +32 3 330 13 60 Fax +32 3 313 79 91 info@igus.be	16 Czech Republic HENNLICH s.r.o. Českolipská 9 412 01 Litoměřice Phone e-chains® +420 416 711332 Phone Plain bearings +420 416 711339 Fax +420 416 711999 lin-tech@hennlich.cz	25 Hungary Tech-Con Kft. Veső utca 9-11 1133 Budapest Phone +36 1 4124161 Fax +36 1 4124171 tech-con@tech-con.hu	34 Lebanon Mecanix Shops SAL Horsht Tablet - Ste Rita blvd P.O.Box: 55384 Beirut Phone +961 1 466701 Fax +961 1 490929 sales@mecanixshops.com	44 New Zealand Treotham Automation Pty Ltd. Stocking Distributor Phc Vigor Drive Wiri Auckland 2104 Phone +64 9 278 6577 Fax +64 9 278 6578 info@treotham.co.nz
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