

PATROL + SPEAR

INSTALLATION MANUAL



INCLUDED IN THE PACKAGE

EN 795:2012 C + SHIELD | SHIELD 2 | COPPO
AS/NZS 1891.2:2001 + SHIELD | SHIELD 2



EN 795:2012 C

CEN/TS 16415:013

UNI 11578:2015 C

AS/NZS 1891.2:2001



**PATROL +
SPEAR**
Installation
Manual

⚠ read also:



**PATROL +
SPEAR**
Safety
Regulations



SAFETY INSTRUCTIONS

- IT** L'installazione e/o utilizzo del prodotto Rotho Blaas è permessa solo a personale esperto previa lettura e comprensione del **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 das **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 el **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 le **1 MANUEL D'INSTALLATION** et les **2 NORMES DE SÉCURITÉ** dans la langue du pays où le produit est utilisé.
- PT** A instalação e/ou utilização do produto Rotho Blaas só é permitida a pessoal especializado após a leitura e compreensão do **1 MANUAL DE INSTALAÇÃO** 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 OHUTUSEESKIRJU** 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.



TOOLS



(1) VINYLESTER CHEMICAL ANCHOR WITHOUT STYRENE

INFORMATIONS

Type	Name or logo of manufacturer/distributor
Rothoblaas	ROTHOBLAAS
PATROL - SPEAR	Batch number and year of manufacture
Related standard(s)	N/MM/YYYY
EN 795:2012 C	(N = lot number - MM = month - YYYY = year)
CEN/TS 16415:2013	
UNI 11578:2015 C	

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** Produktą „Rotho Blaas” montuoti ir (arba) naudoti leidžiama tik patyrusiam personalui, prieš tai perskaicius ir supratęs **1 MONTAVIMO VADOVE** ir **2 SAUGOS TAISYKLES** atitinkamos šalies, kurioje eksploatuojama, kalba.
- LV** Rotho Blaas produkta uzstādīšana un/vai lietošana 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 VEILIGHEIDSVORSCHRIFTEN** 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** Instalację i/lub użytkowania produktu Rotho Blaas może dokonać wyłącznie doświadczony personel, który przeczytał i zrozumiał **1 INSTRUKCJĘ INSTALACJI** oraz normy **2 BEZPIECZEŃSTWA** 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 NARIEM** 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 SÄKERHETSFÖRESKRIFTER** har lästs igenom på språket i installationslandet.
- TR** Sadece yetkili personel **1 KURULUM KILAVUZUNDA** ve **2 GÜVENLİK MEVZUATINI** ürünün kullandığı ülke dilinde okuyup anladıktan sonra Rotho Blaas ürününi 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。施工および使用の前に、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安全规则**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** نظراً لسلامة **2** ببلد المستخدم فيها المنتج



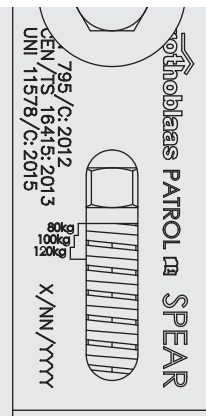
PRODUCT INFORMATION

EN 795:2012 C	CEN/TS 16415:2013	UNI 11578:2015 C
AS/NZS 1891.4:2009	AS/NZS 1891.2:2001	
1.4301 AISI304 INOX	1.4401 AISI316 INOX	



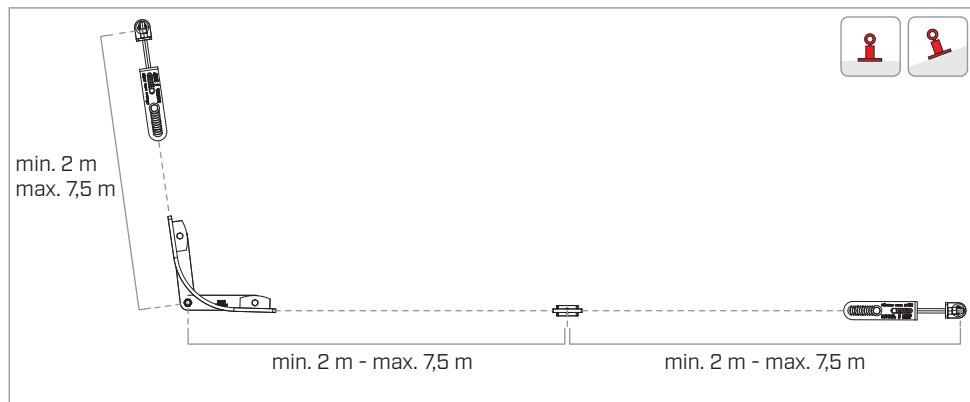
EN 795:2012 C
CEN/TS 16415:013
UNI 11578:2015 C

- 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!

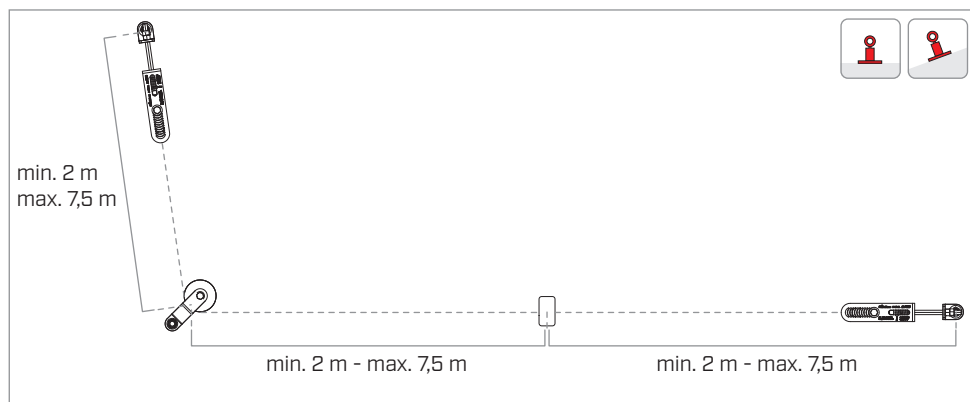


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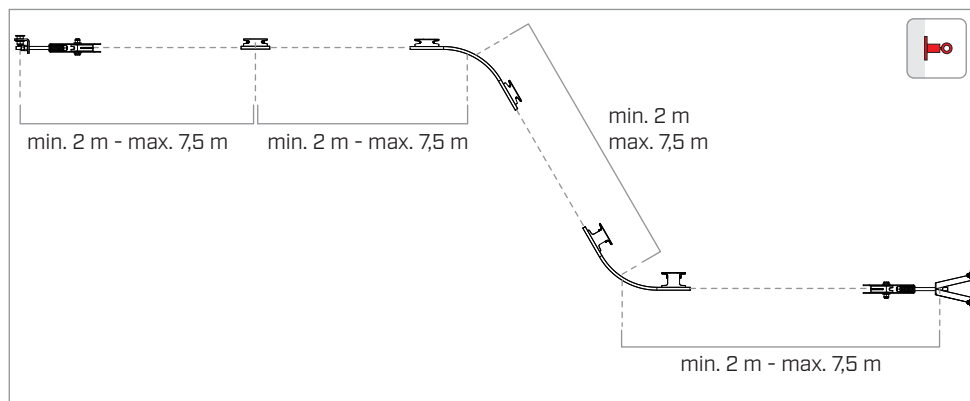
PATROL HORIZONTAL: PASSING-THROUGH LIFELINE



PATROL HORIZONTAL: NON PASSING-THROUGH LIFELINE

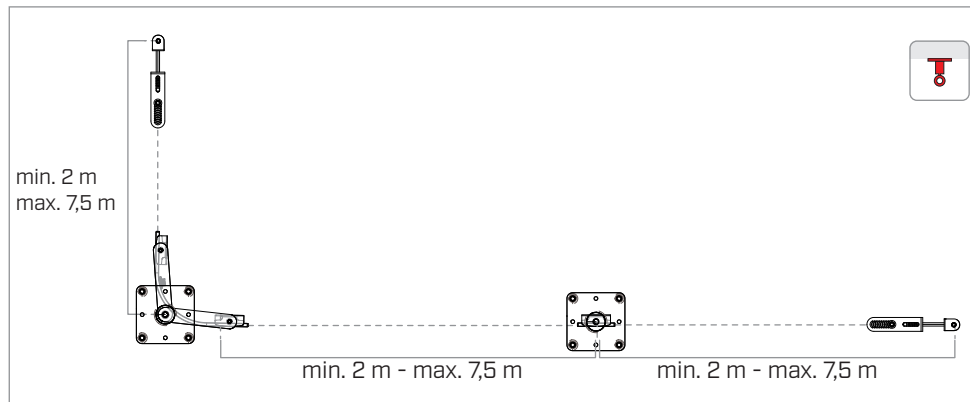


PATROL ON WALL

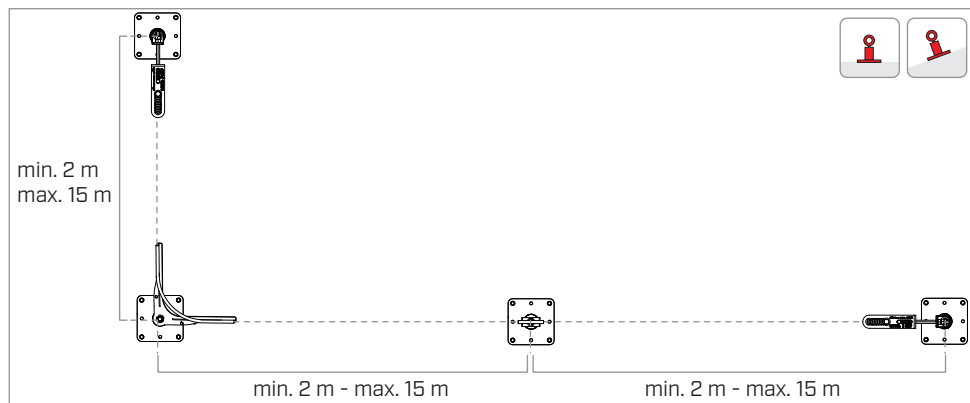


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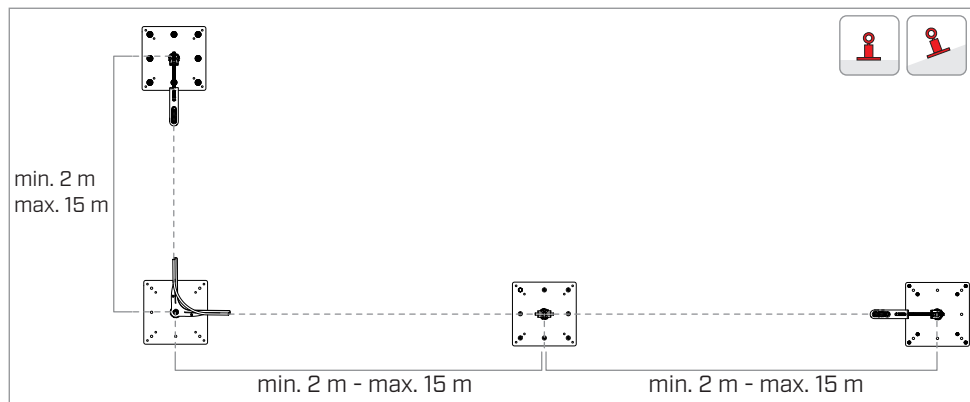
PATROL OVERHEAD



PATROL ON TOWER

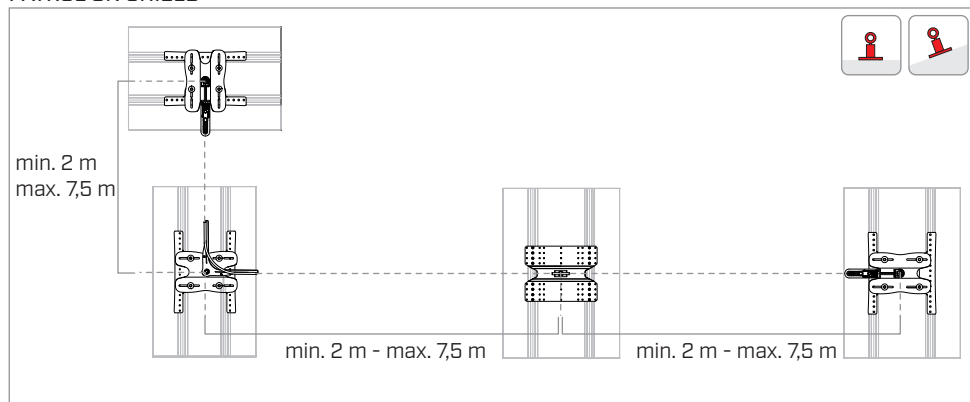


PATROL ON TOWER XL

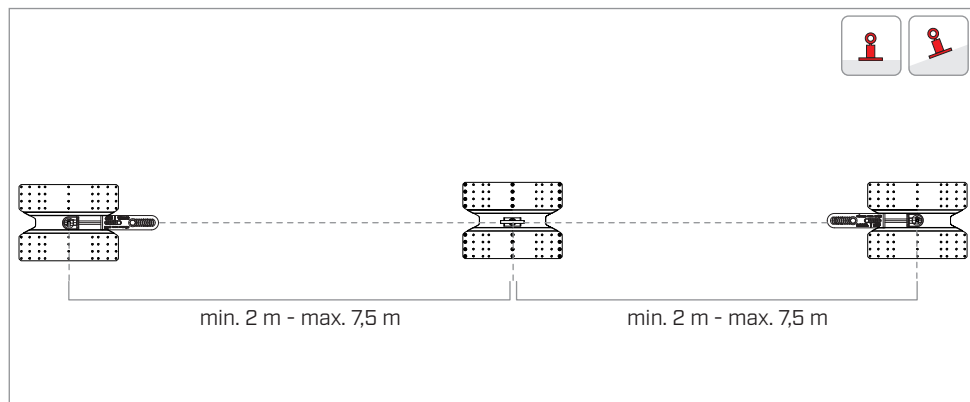


■ TECHNICAL DATA

PATROL ON SHIELD



PATROL ON COPPO



 COMPONENTS

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PATROLEND - PATROLEND A4



1.4301
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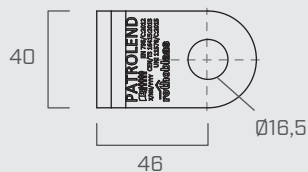
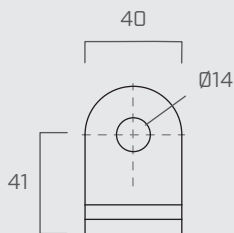
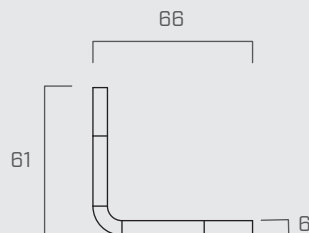
PATROLEND A4



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PATROLEND
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EN 795/C:2012
X/NN/YYYY CEN/TS 16415:2013
UNI 11578/C:2015



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PAREND - PAREND A4



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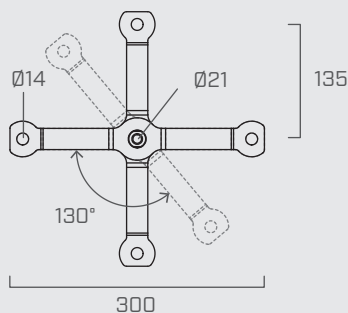
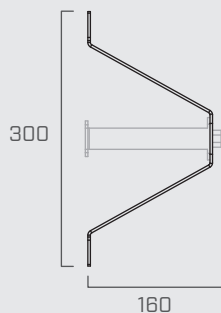
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EN 795/C:2012
X/NN/YYYY CEN/TS 16415:2013
UNI 11578/C:2015



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PATROLTERM - PATROLTERMA4



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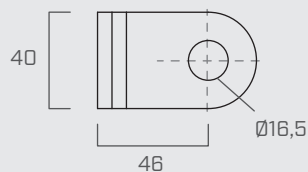
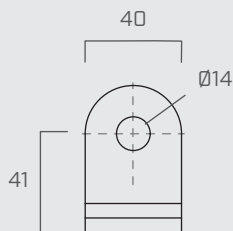
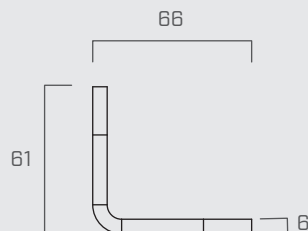
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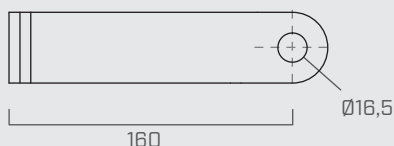
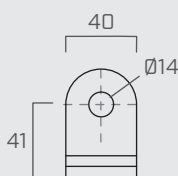
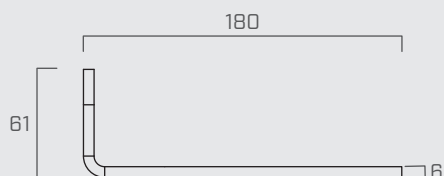
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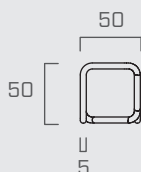
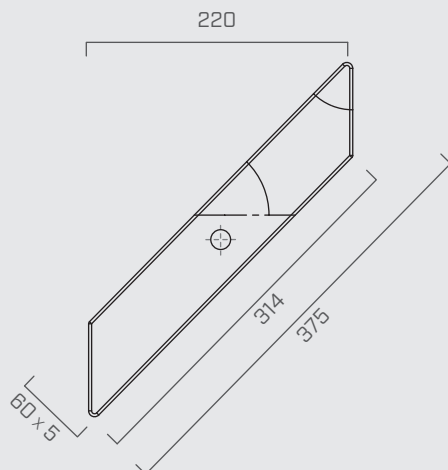


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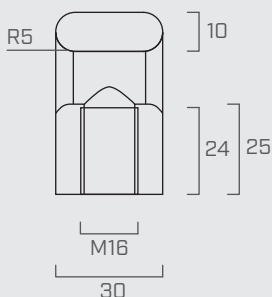
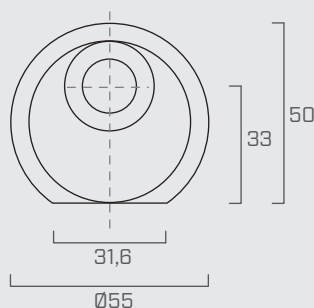


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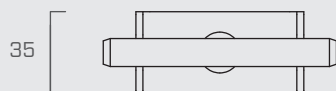
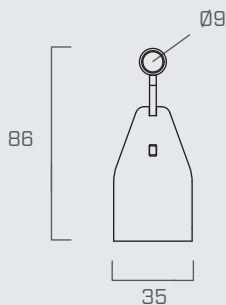
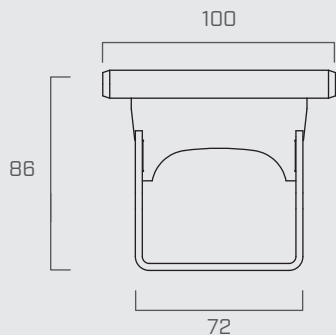
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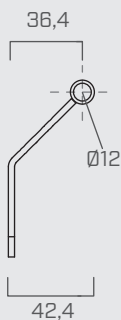
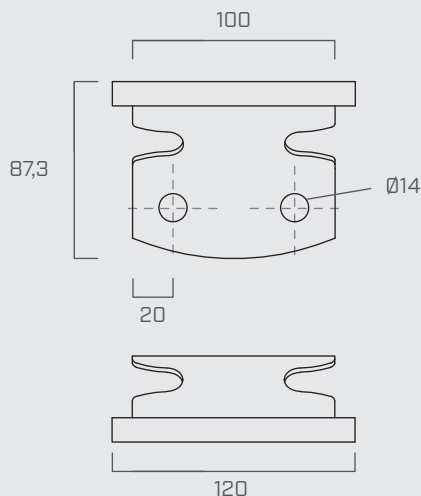
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PASINT - PASINT A4



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PARINTER - PARINTER A4



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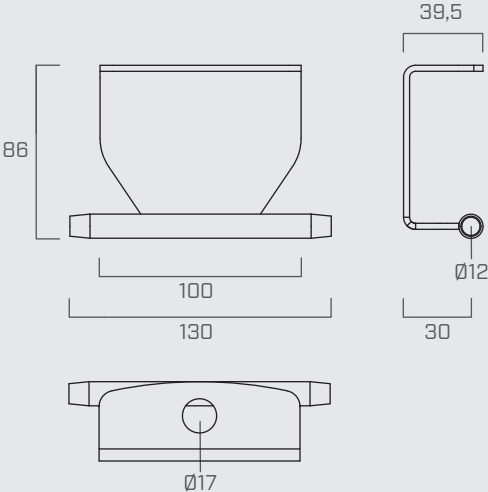
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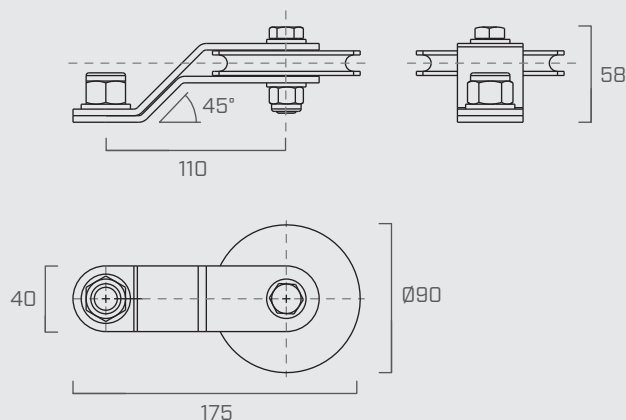
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PASANG - PASANG A4



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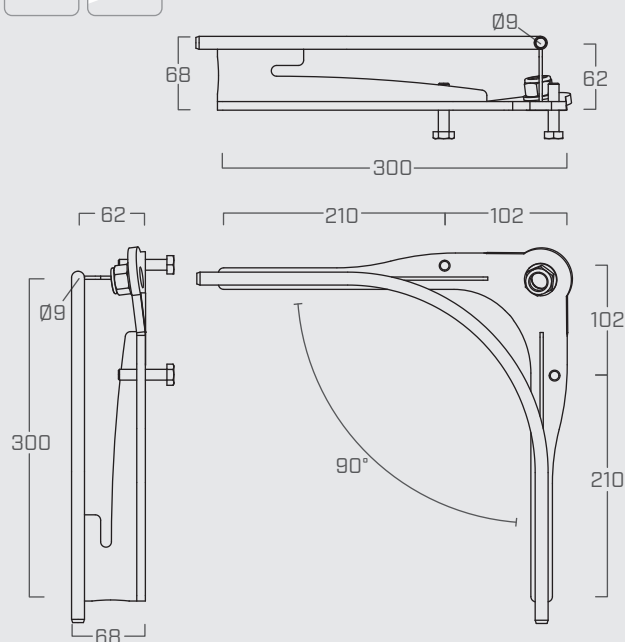
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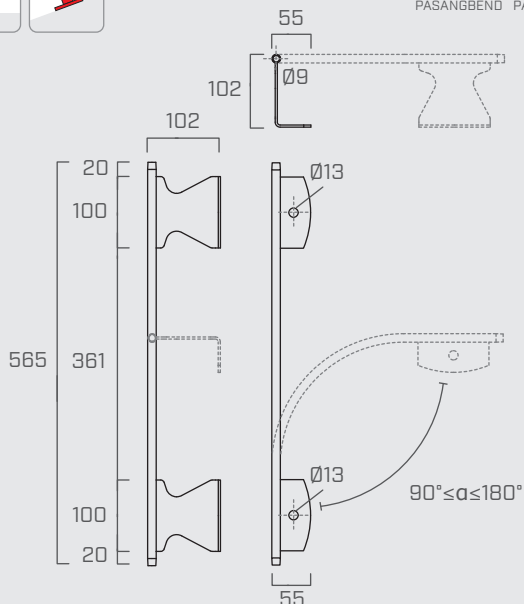
PASANGBEND A4



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ANGSUP - ANGSUP A4



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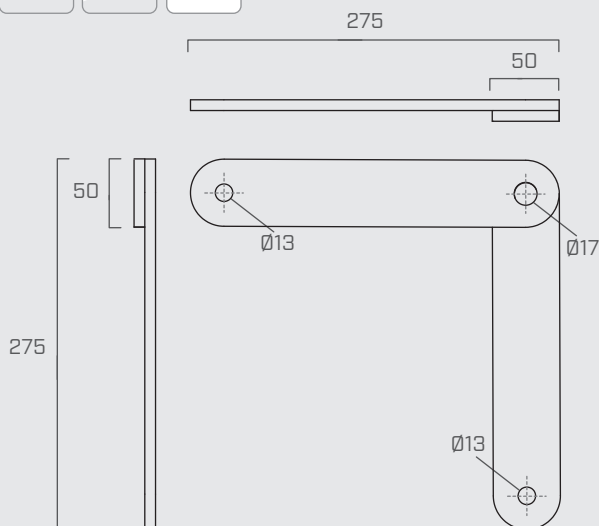
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TOWER
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■ PARIN - PARIN A4

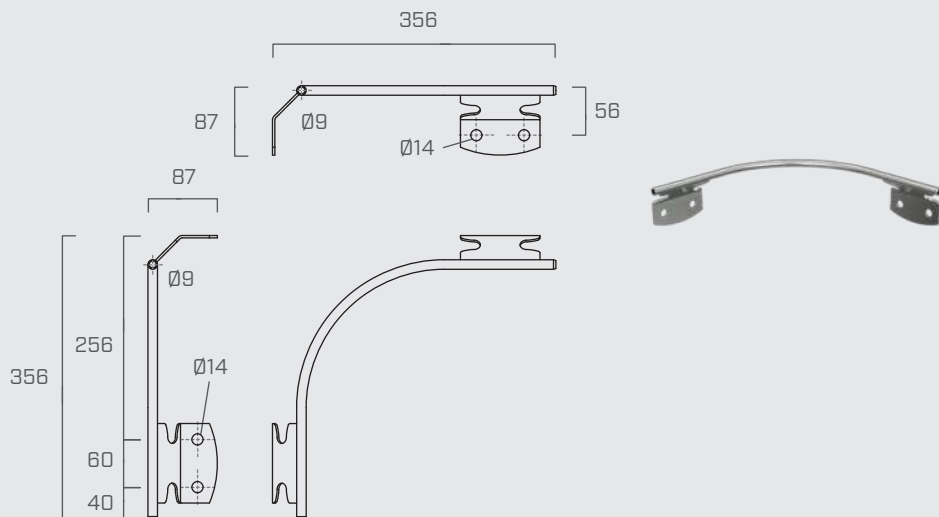


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■ PAREX - PAREX A4

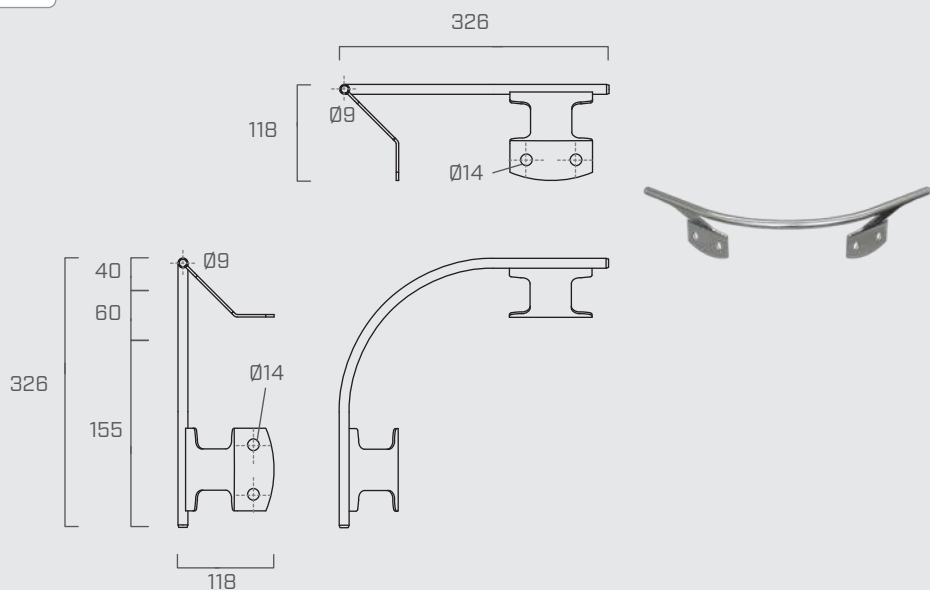


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■ PARINBEND - PARINBEND A4



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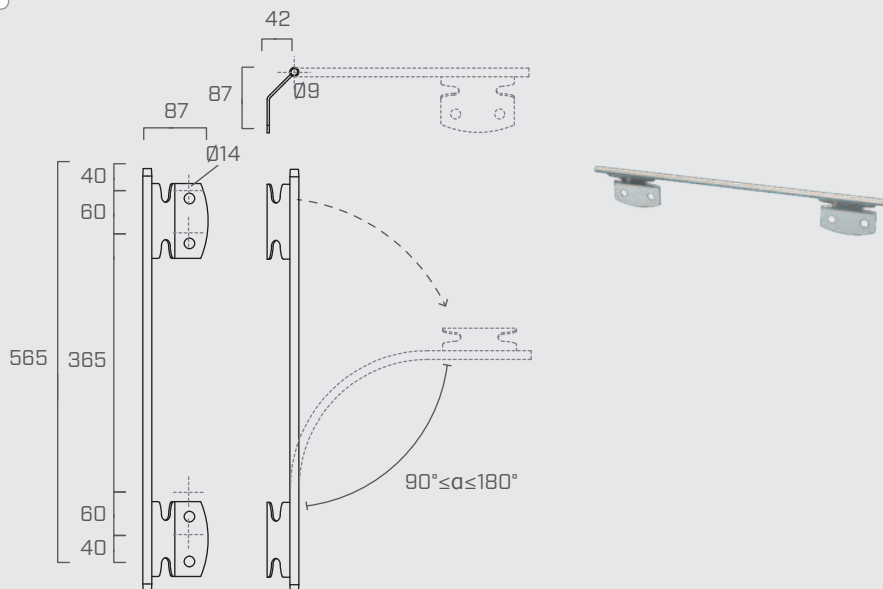
PARINBENDA4



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■ PAREXBEND - PAREXBEND A4



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INOX

PAREXBEND

1.4401
AISI316
INOX

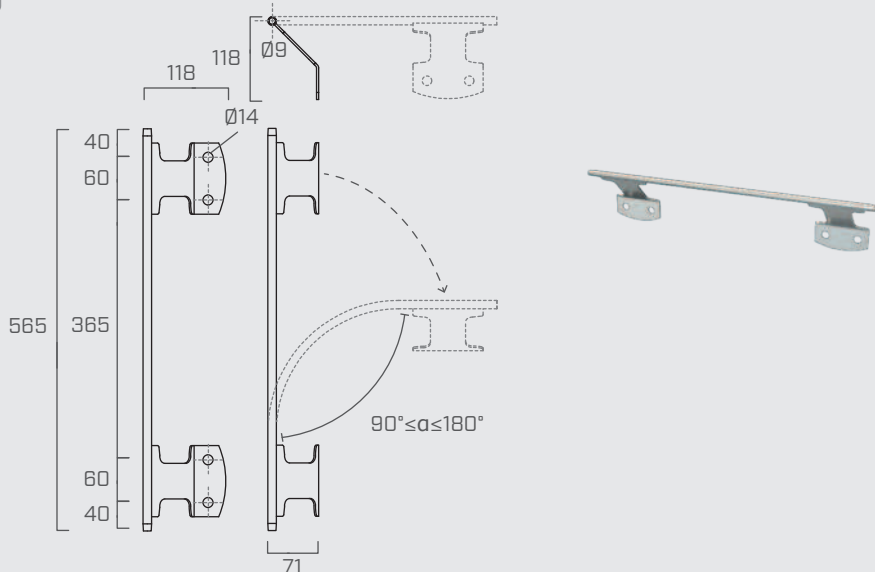
PAREXBENDA4



C20/25



S235

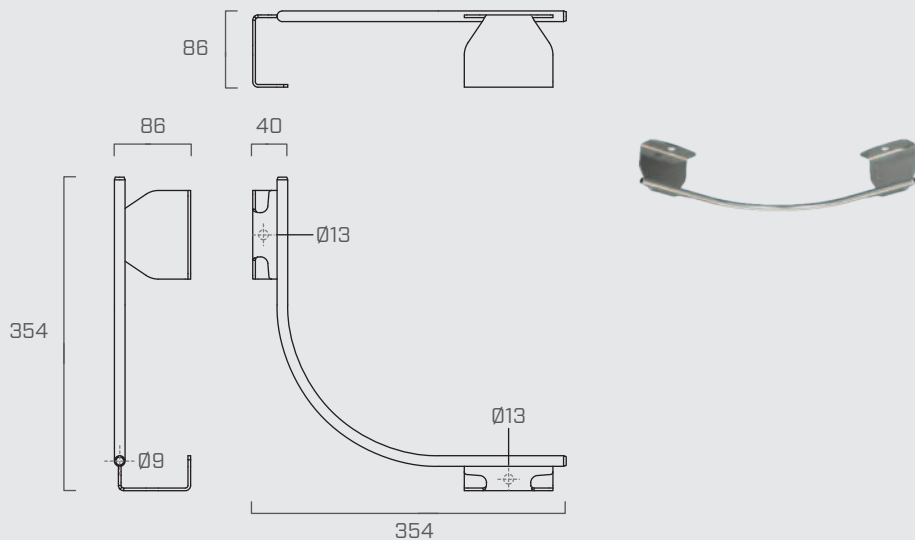


OHANGINT - OHANGINT A4



1.4301
AISI304
INOX
OHANGINT

1.4401
AISI316
INOX
OHANGINTA4

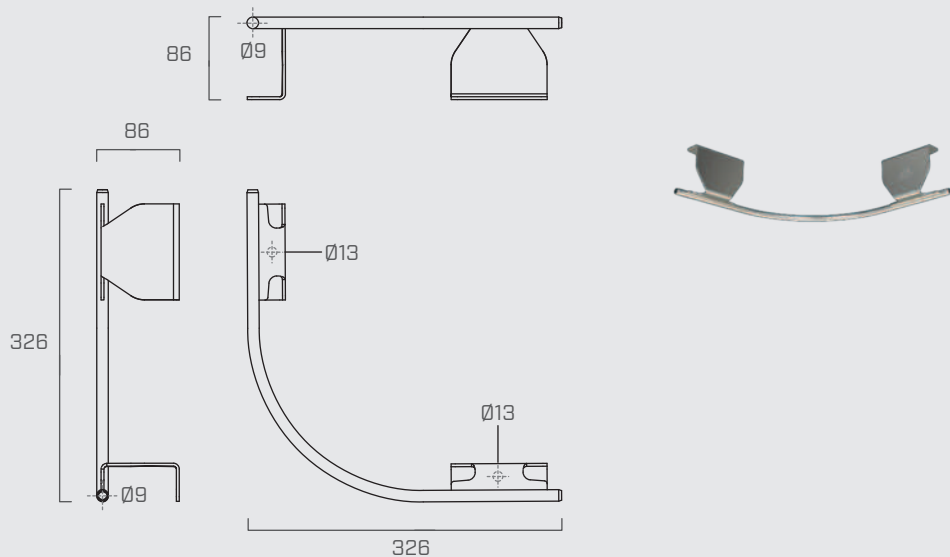


OHANGEXT - OHANGEXT A4



1.4301
AISI304
INOX
OHANGEXT

1.4401
AISI316
INOX
OHANGEXTA4



OHANGBEND - OHANGBEND A4



1.4301
AISI304
INOX

OHANGBEND

1.4401
AISI316
INOX

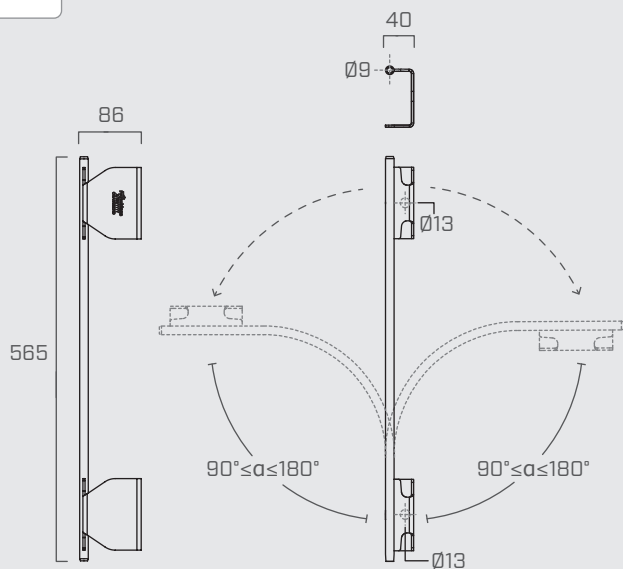
OHANGBENDA4



C20/25



S235



■ SLIDE - SLIDE A4

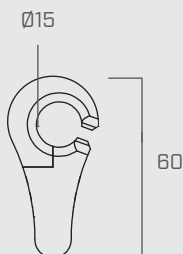
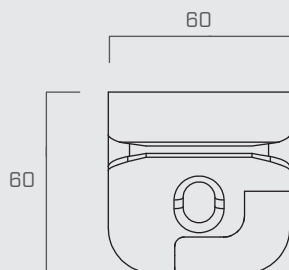


1.4301
AISI304
INOX
SLIDE

1.4401
AISI316
INOX
SLIDEA4



SLIDE1-SLIDE2-OHSLIDE
Installation
Manual



INCLUDED IN THE PACKAGE
CARSCREW [AZ 011]

■ SLIDE 2 - SLIDE 2 A4

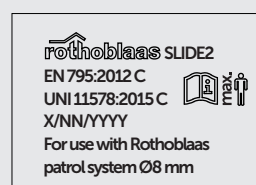
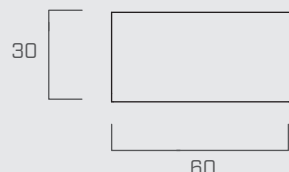
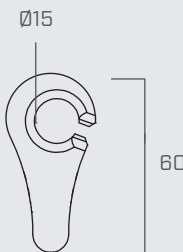
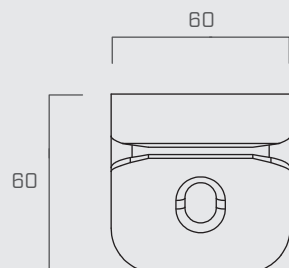


1.4301
AISI304
INOX
SLIDE2

1.4401
AISI316
INOX
SLIDE2A4



SLIDE1-SLIDE2-OHSLIDE
Installation
Manual



INCLUDED IN THE PACKAGE
CARSCREW [AZ 011]

OHSLIDE - OHSLIDE A4

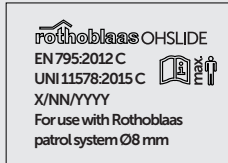
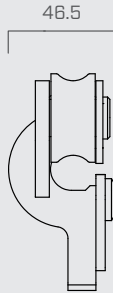
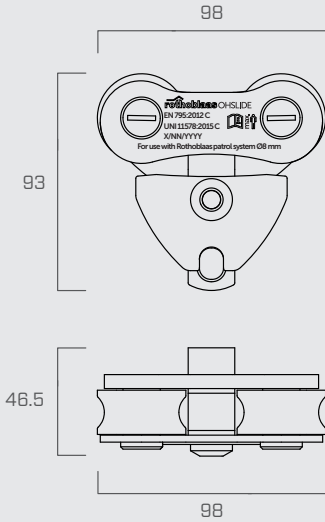


1.4301
AISI304
INOX
OHSLIDE

1.4401
AISI316
INOX
OHSLIDEA4



SLIDE1-SLIDE2-OHSLIDE
Installation
Manual



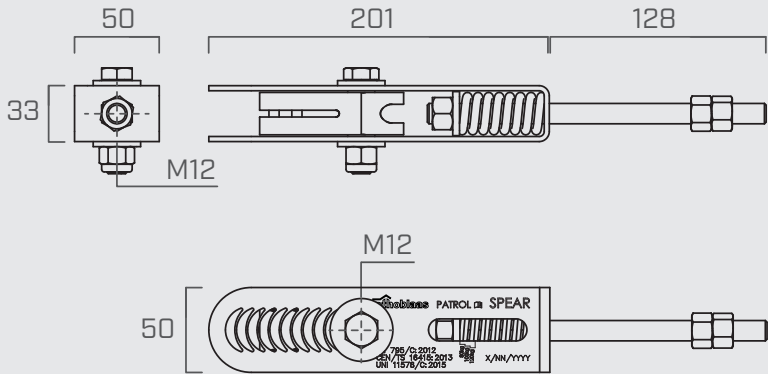
INCLUDED IN THE PACKAGE
CARSCREW [AZ 011]

SPEAR - SPEAR A4



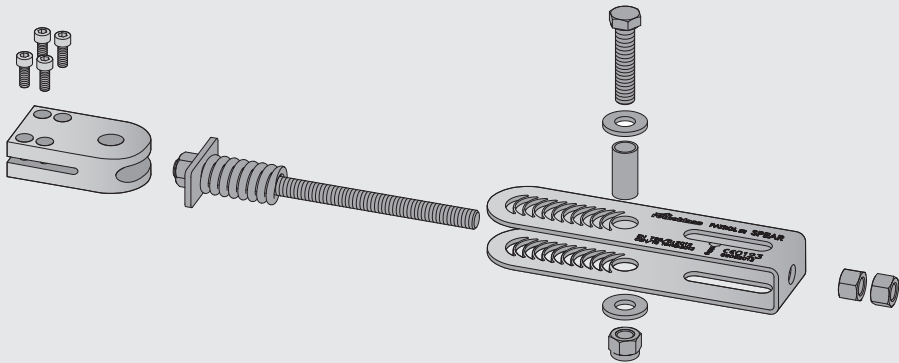
1.4301
AISI304
INOX
SPEAR

1.4401
AISI316
INOX
SPEARA4



x2

INCLUDED IN THE PACKAGE



ON TOWER



+

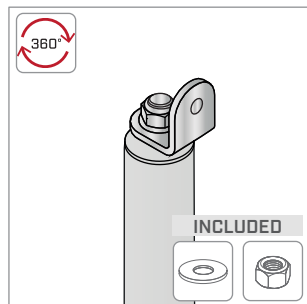


TOWER
TOWERA2
Installation
Manual

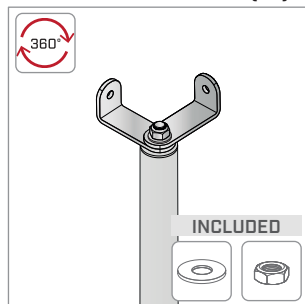
TOWER
TOWERA2
Safety
Regulations



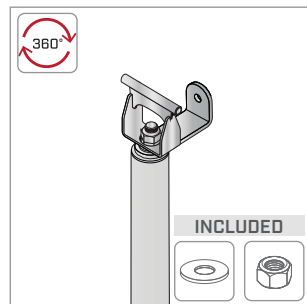
TOWER + PATROLTERM



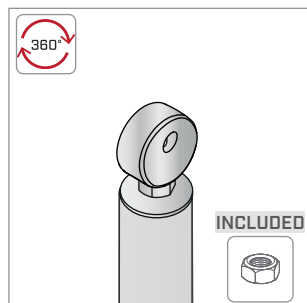
TOWER + PATROLTERM L [x2]



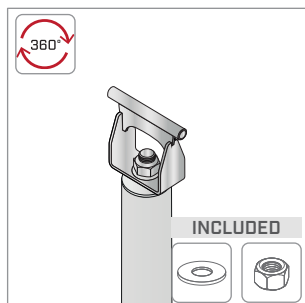
TOWER + PATROLTERM L + PASINT



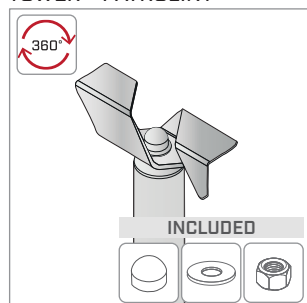
TOWER + PATROLMED



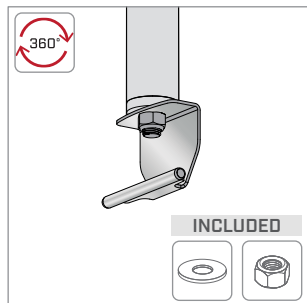
TOWER + PASINT



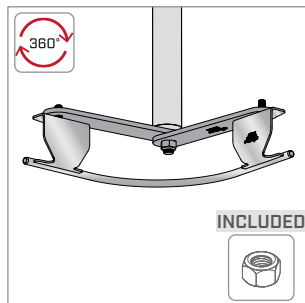
TOWER + PATROLINT



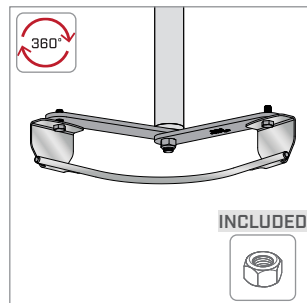
TOWER + OHINT



TOWER + ANG SUP + OHANGEXT



TOWER + ANG SUP + OHANGINT



SUPPORT INSTALLATION

ON TOWER



TOWER
TOWERA2
Installation
Manual

TOWER
TOWERA2
Safety
Regulations



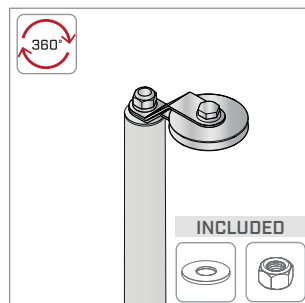
TOWER + ANGUP + OHANGBEND



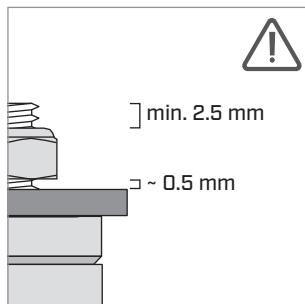
TOWER + PASANG



TOWER + PATROLANG



TOWER + ANGUP + PASANGBEND



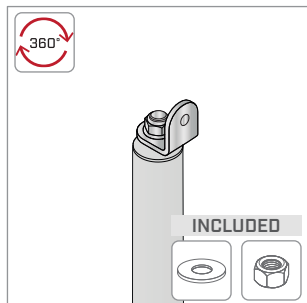


TOWERXL
Installation
Manual

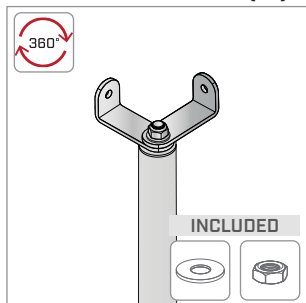


TOWERXL
Safety
Regulations

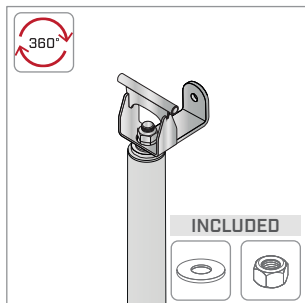
TOWER + PATROLTERM



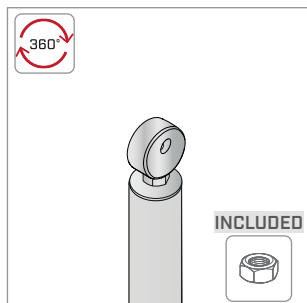
TOWER + PATROLTERML (x2)



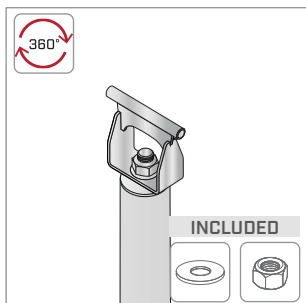
TOWER + PATROLTERML + PASINT



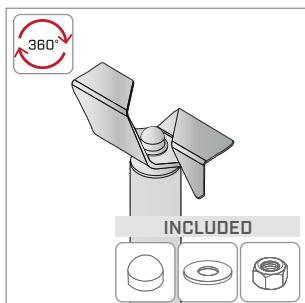
TOWER + PATROLMED



TOWER + PASINT



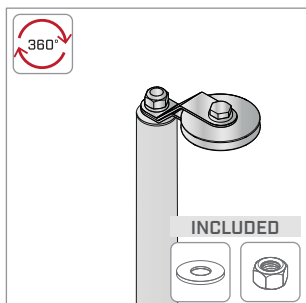
TOWER + PATROLINT



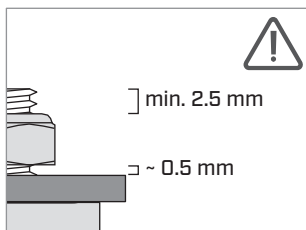
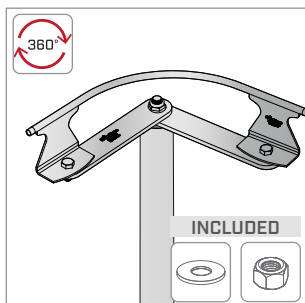
TOWER + PASANG



TOWER + PATROLANG



TOWER + ANGSUP + PASANGBEND



ON SHIELD



24

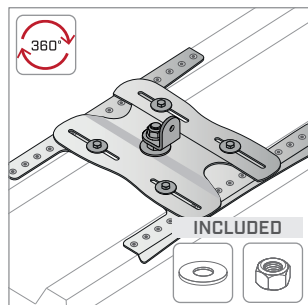


SHIELD-SHIELD4
Installation
Manual

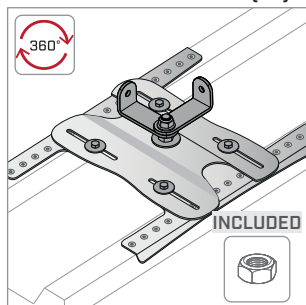


SHIELD-SHIELD4
Safety
Regulations

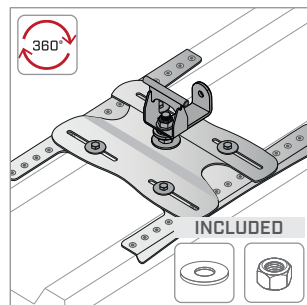
SHIELD + PATROTERM



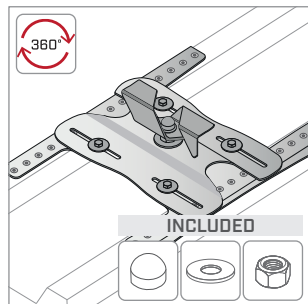
SHIELD + PATROTERM L (x2)



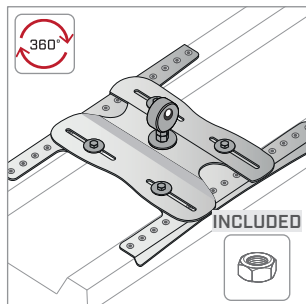
SHIELD + PATROTERM L + PASINT



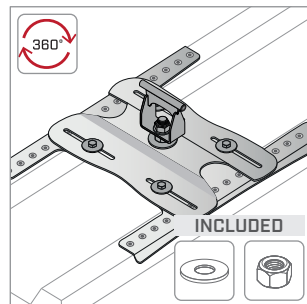
SHIELD + PATROLINT



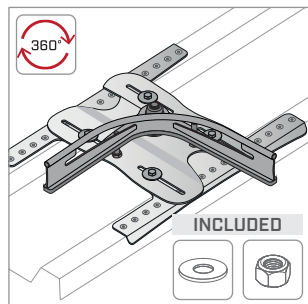
SHIELD + PATROLMED



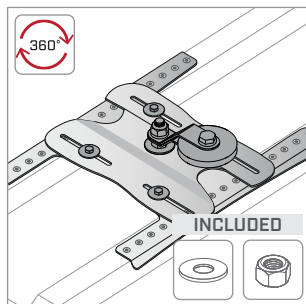
SHIELD + PASINT



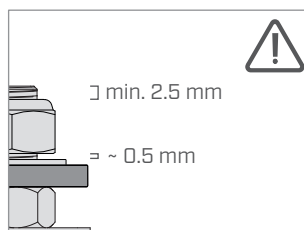
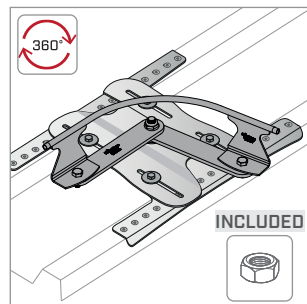
SHIELD + PASANG



SHIELD + PATROLANG



SHIELD + ANG SUP + PASANG BEND



■ ON SHIELD 2

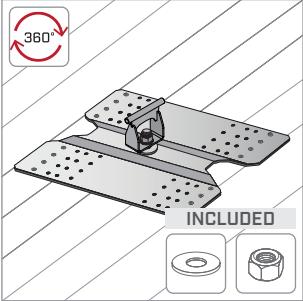


SHIELD2
Installation
Manual

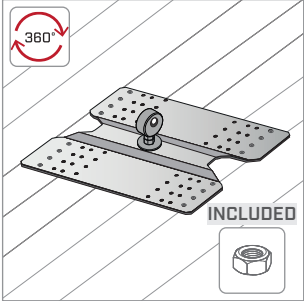


SHIELD2
Safety
Regulations

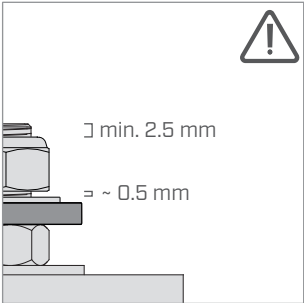
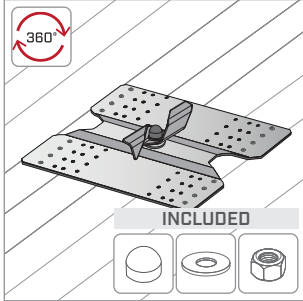
SHIELD 2 + PASINT



SHIELD 2 + PATROLMED



SHIELD 2 + PATROLINT



SUPPORT INSTALLATION ON COPPO

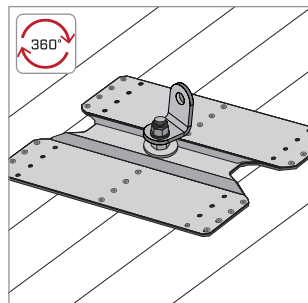


COPPO
Installation
Manual

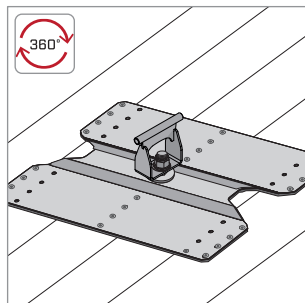


COPPO
Safety
Regulations

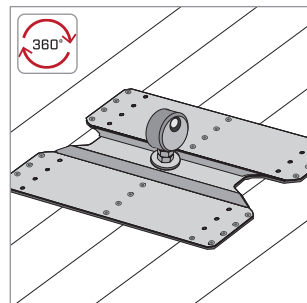
COPPO + PATROLTERM



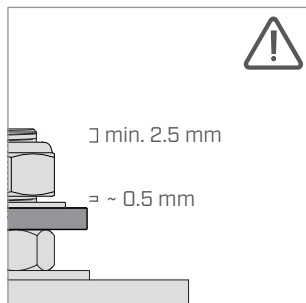
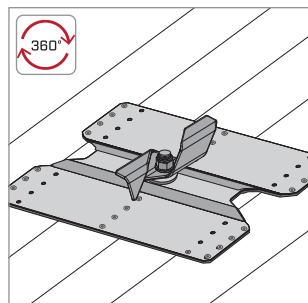
COPPO + PASINT



COPPO + PATROLMED

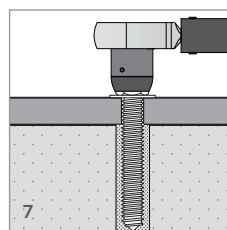
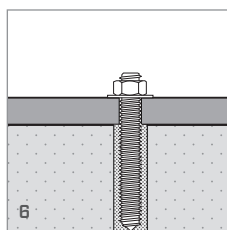
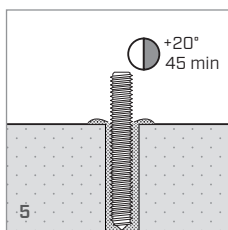
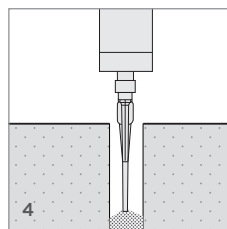
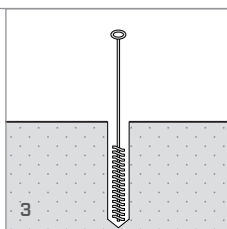
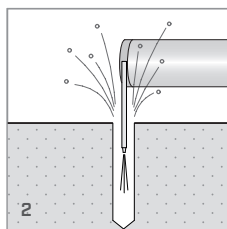
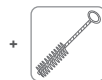
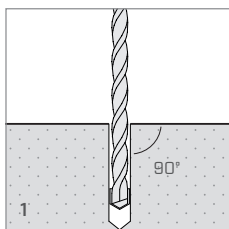


COPPO + PATROLINT

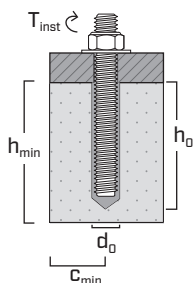




VIN-FIX



M12 - 5.8 min



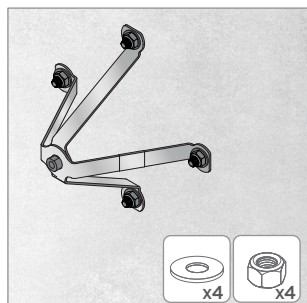
d	=	12 mm	d_0	=	14 mm
L	≥	$h_0 + 25$ mm	h_0	=	70 mm
T_{inst}	=	40 Nm	h_{min}	=	$h_0 + 30 \geq 100$ mm
			c_{min}	≥	60 mm

CONCRETE

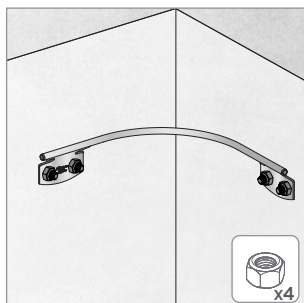


4 X M12

PAREND



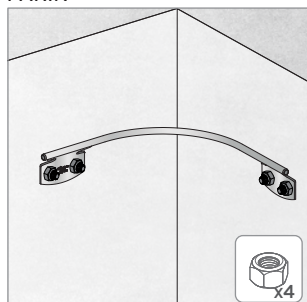
PARINBEND



PAREXBEND



PARIN

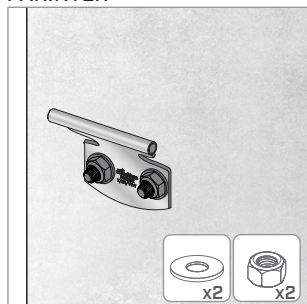


PAREX

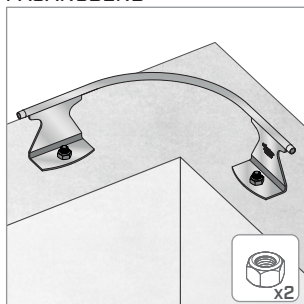


2 X M12

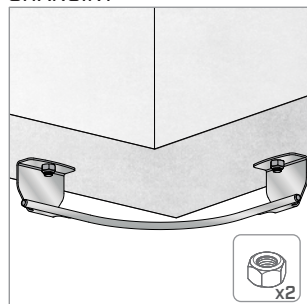
PARINTER



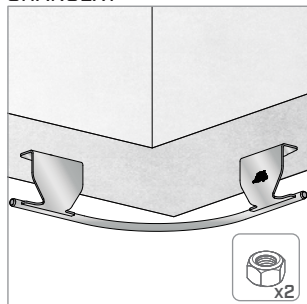
PASANGBEND



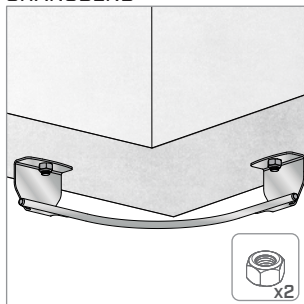
OHANGINT



OHANGEXT



OHANGBEND





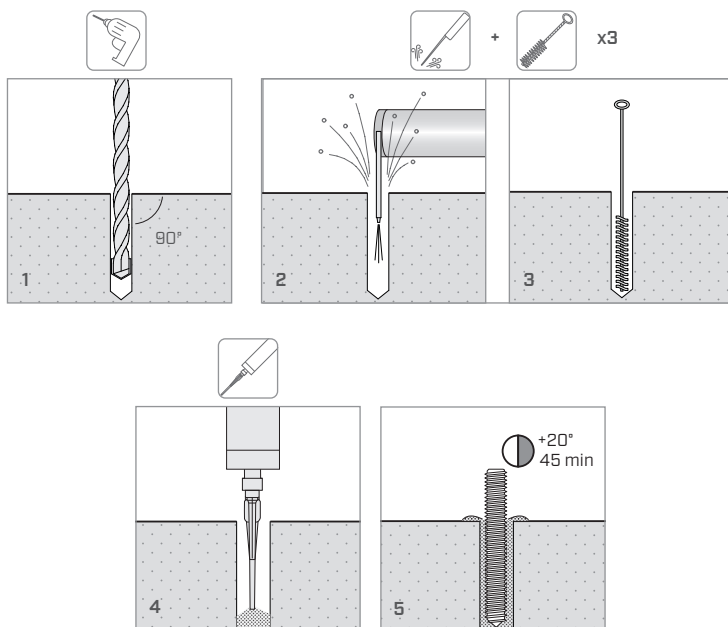
C20/C25



VIN-FIX



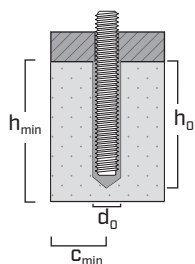
SELF-LOCKING
NUT



M16 - 5.8 min



ETA 20/0363

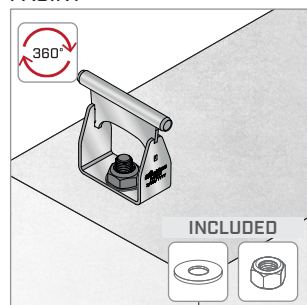


d	$=$	16 mm	d_0	$=$	18 mm
L	$\geq$	$h_0 + 30$ mm	h_0	$=$	80 mm
c_{min}	$\geq$	80 mm	h_{min}	$=$	116 mm
T_{inst}	$=$	80 Nm			

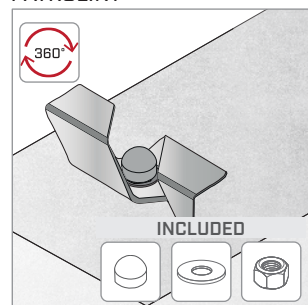
PATROLEND



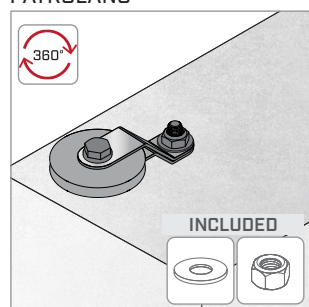
PASINT



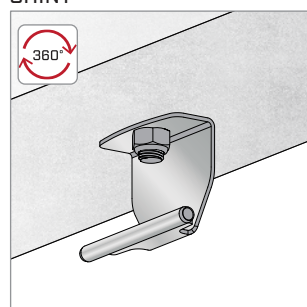
PATROLINT



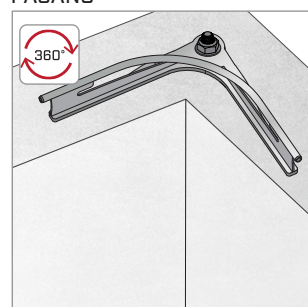
PATROLANG



OHINT



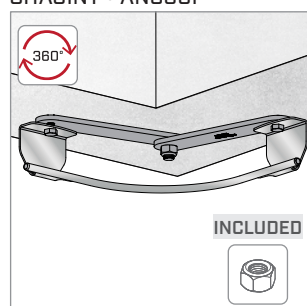
PASANG



PASANGBEND + ANGSUP



OHAGINT + ANGSUP



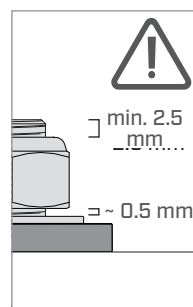
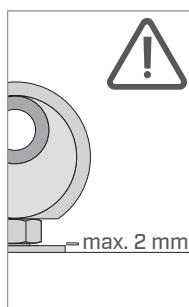
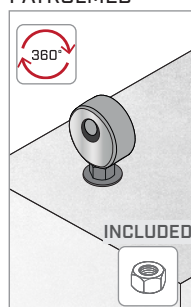
OHANGEXT + ANGSUP



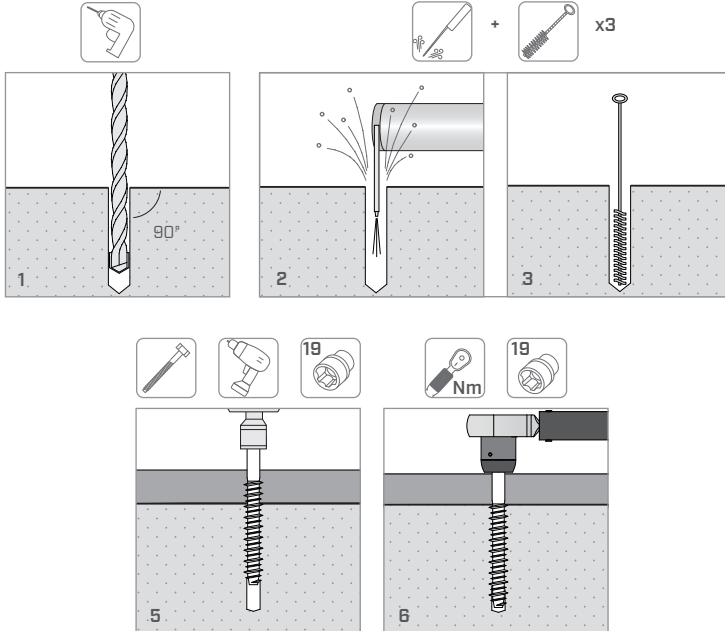
OHANGBEND + ANGSUP



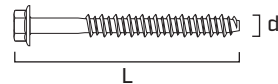
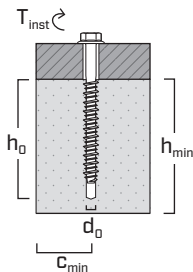
PATROLMED



C20/C25



SKR CE 12 x 90 mm

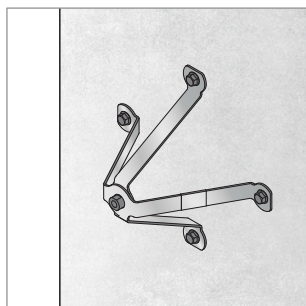


d	$=$	12 mm	d_0	$=$	10 mm
L	$=$	90 mm	h_0	$=$	100 mm
T_{inst}	$=$	80 Nm	h_{min}	$\geq$	130 mm
			c_{min}	$\geq$	60 mm

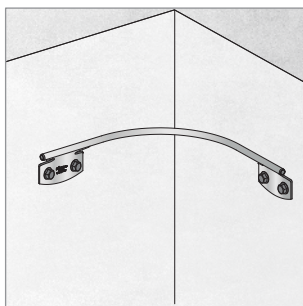
CONCRETE

4 X M12

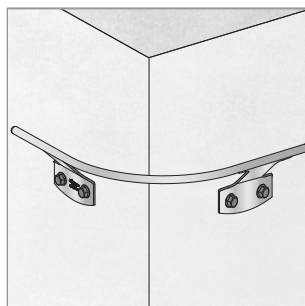
PAREND



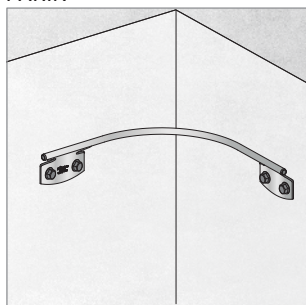
PARINBEND



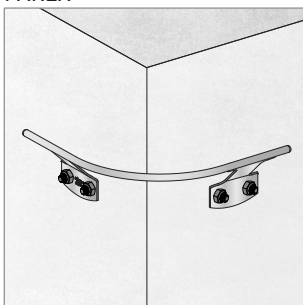
PAREXBEND



PARIN

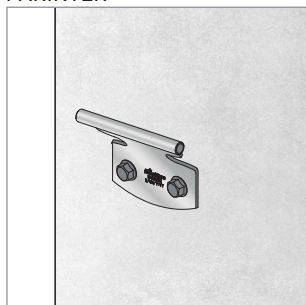


PAREX

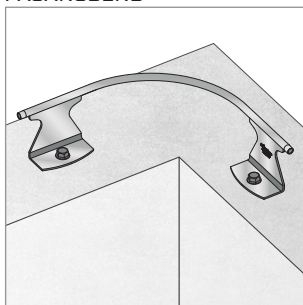


2 X M12

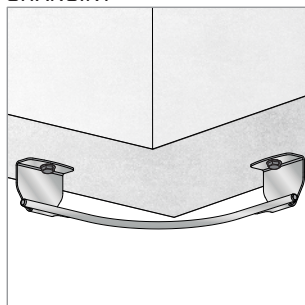
PARINTER



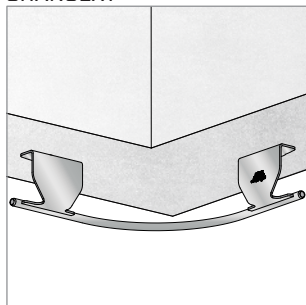
PASANGBEND



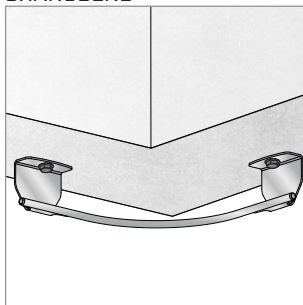
OHANGINT



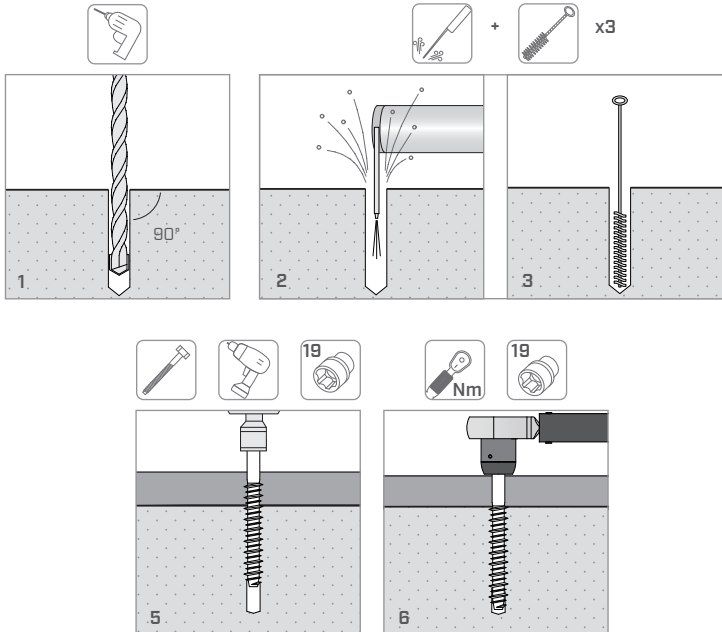
OHANGEXT



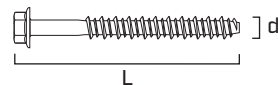
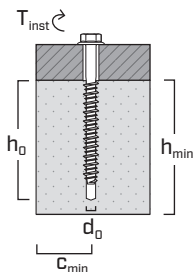
OHANGBEND



C20/C25



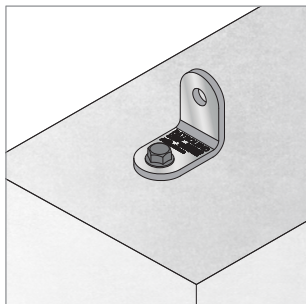
SKR CE 16 x 130 mm



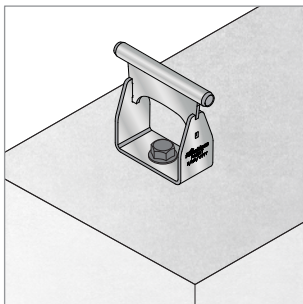
d	$=$	16 mm	d_0	$=$	14 mm
L	$=$	130 mm	h_0	$=$	140 mm
T_{inst}	$=$	160 Nm	h_{min}	$\geq$	170 mm
			c_{min}	$\geq$	80 mm



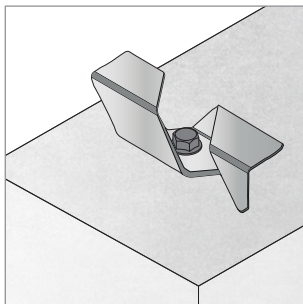
PATROLEND



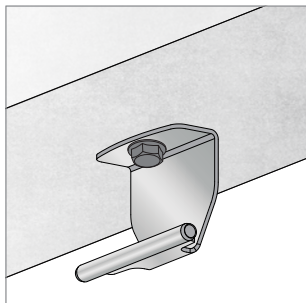
PASINT



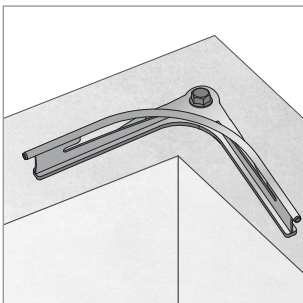
PATROLINT



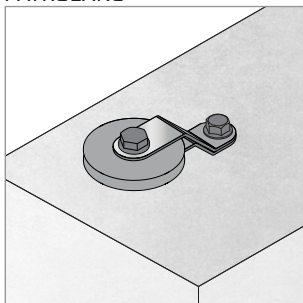
OHINT



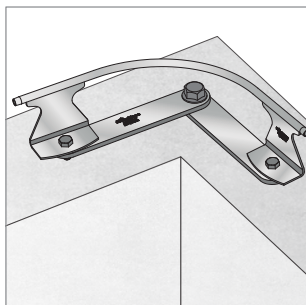
PASANG



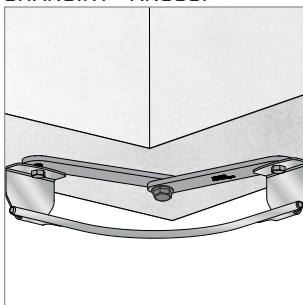
PATROLANG



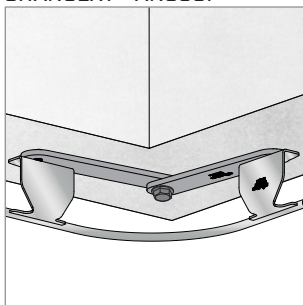
PASANGBEND + ANG SUP



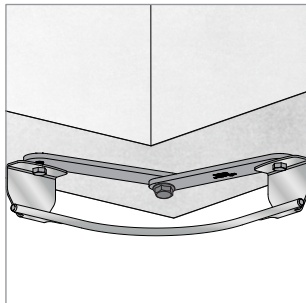
OHANGINT + ANG SUP

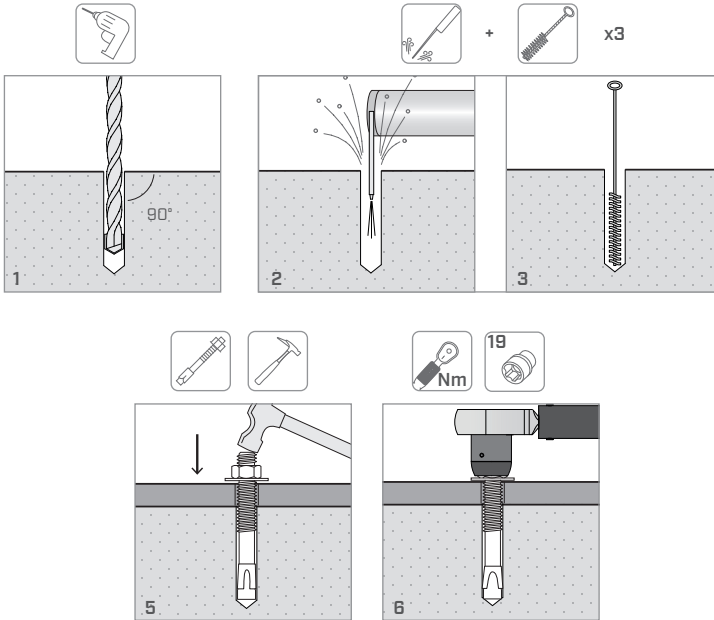


OHANGEXT + ANG SUP

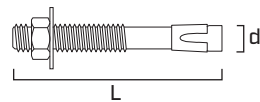
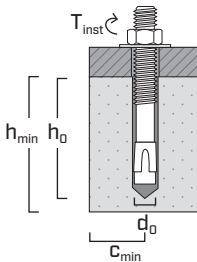


OHANGBEND + ANG SUP





AB1 12 x 100 mm



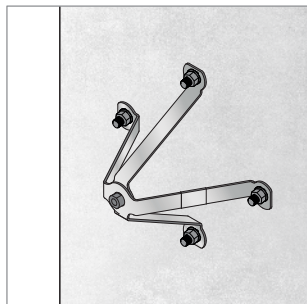
d	$=$	12 mm	d_0	$=$	12 mm
L	$=$	100 mm	h_0	$=$	85 mm
T_{inst}	$=$	60 Nm	h_{min}	$\geq$	140 mm
			c_{min}	$\geq$	70 mm

■ **CONCRETE**

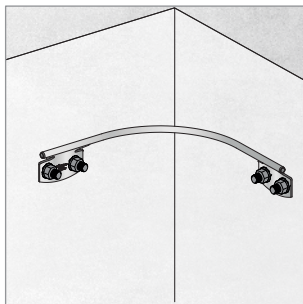


4 X M12

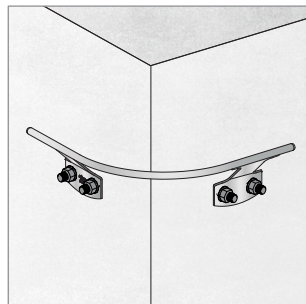
PAREND



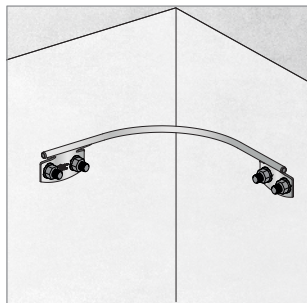
PARINBEND



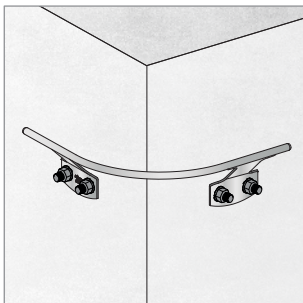
PAREXBEND



PARIN

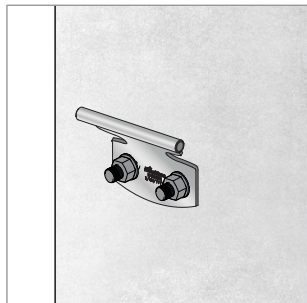


PAREX

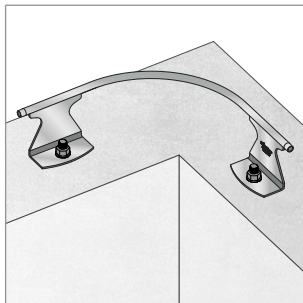


2 X M12

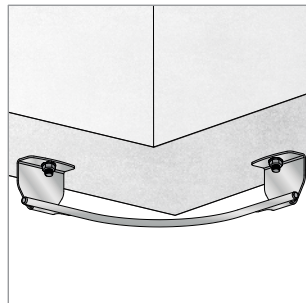
PARINTER



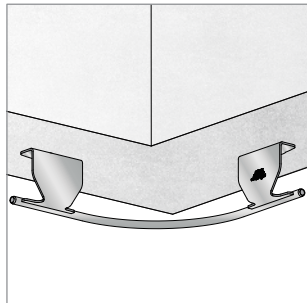
PASANGBEND



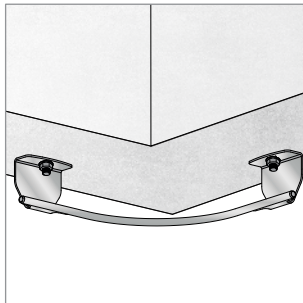
OHANGINT

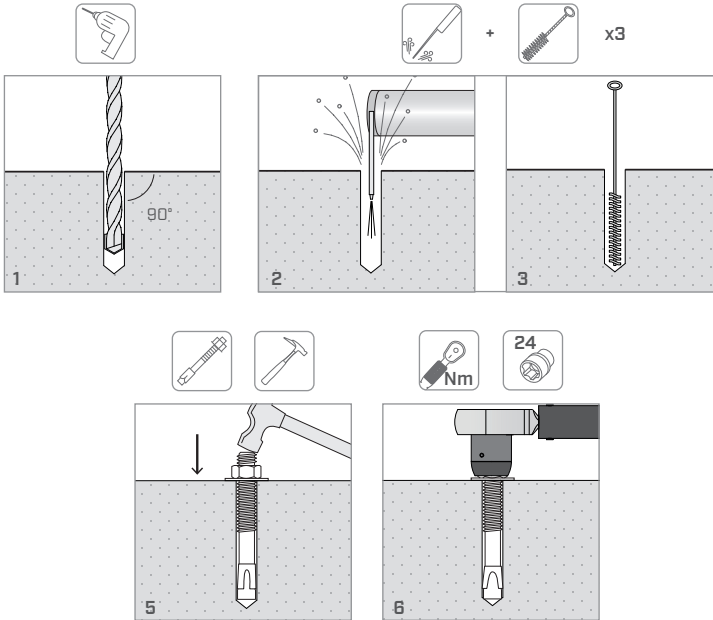


OHANGEXT

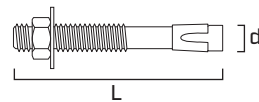
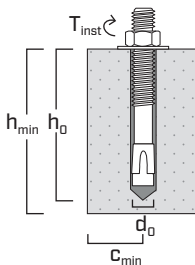


OHANGBEND





AB1 16 x 145 mm



d	$=$	16 mm	d_0	$=$	16 mm
L	$=$	145 mm	h_0	$\geq$	105 mm
T_{inst}	$=$	100 Nm	h_{min}	$\geq$	170 mm
			c_{min}	$\geq$	85 mm

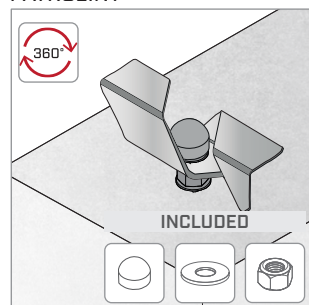
PATROLEND



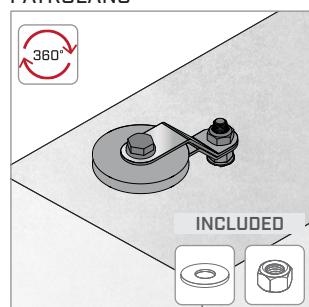
PASINT



PATROLINT



PATROLANG



OHINT



PASANG



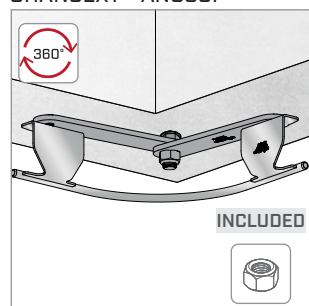
PASANGBEND + ANGSUP



OHAGINT + ANGSUP



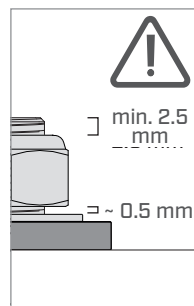
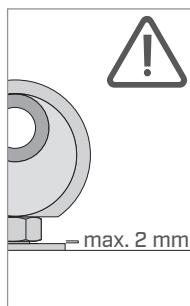
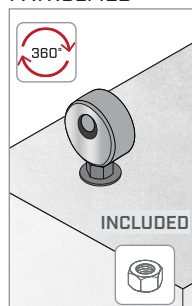
OHANGEXT + ANGSUP

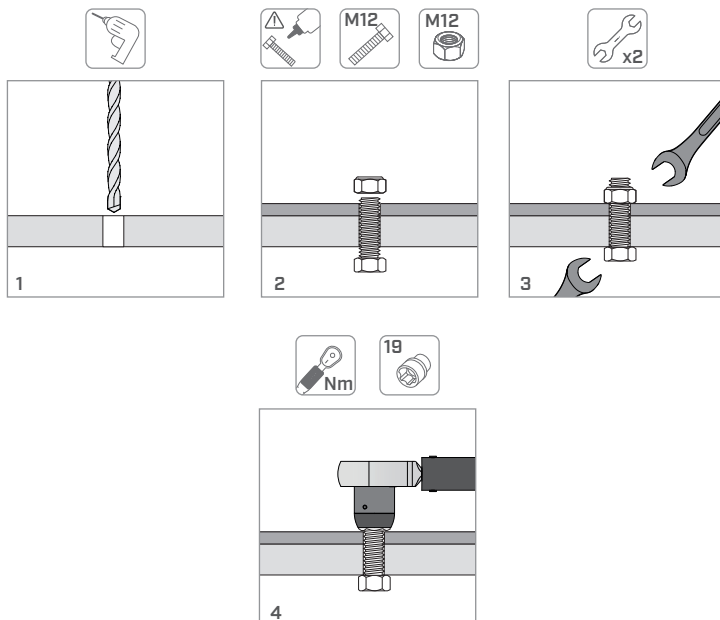


OHANGBEND + ANGSUP

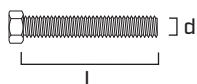
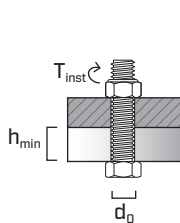


PATROLMED





M12 - A2-70

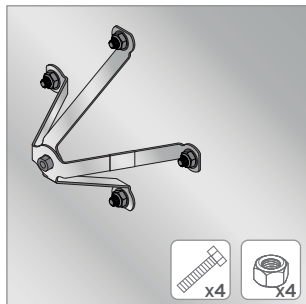


d	=	12 mm	d_0	=	12,5 mm
L	≥	$h_{min} + 25$ mm	h_{min}	≥	5 mm
A2-70	►	$T_{inst} = 30$ Nm			

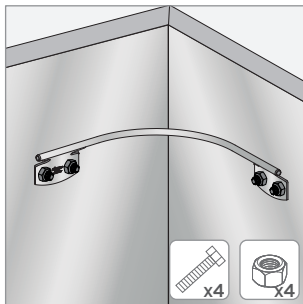
STEEL

4 X M12

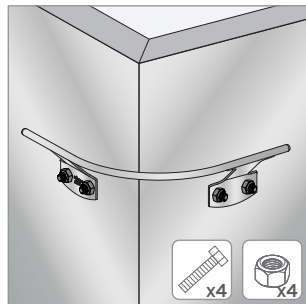
PAREND



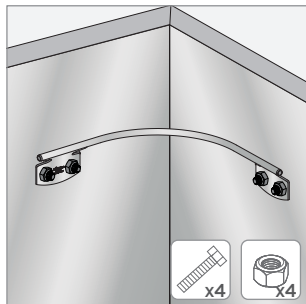
PARINBEND



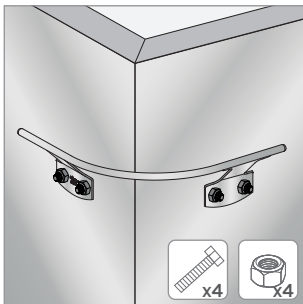
PAREXBEND



PARIN

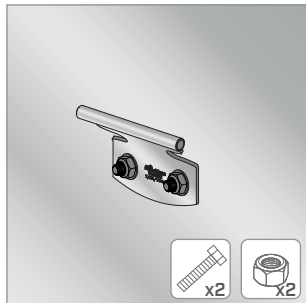


PAREX

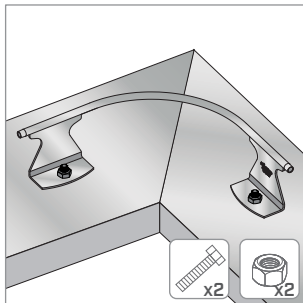


2 X M12

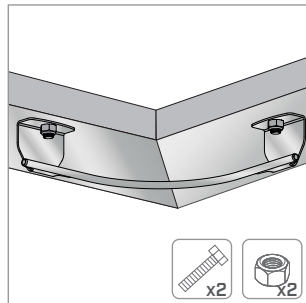
PARINTER



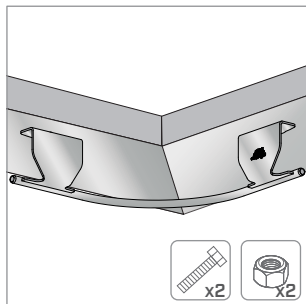
PASANGBEND



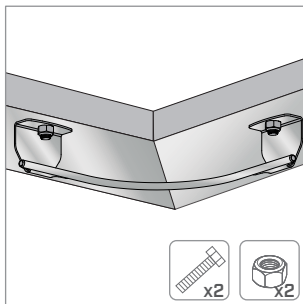
OHANGINT

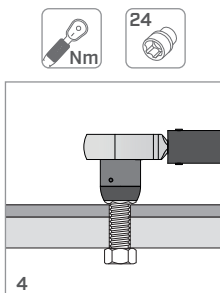
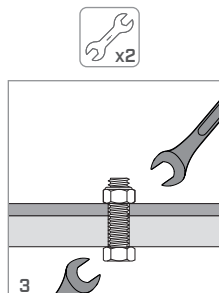
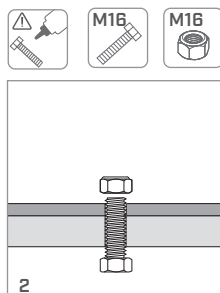
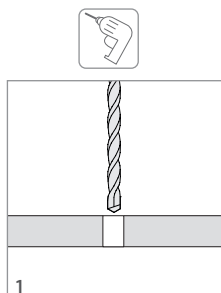


OHANGEXT

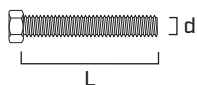
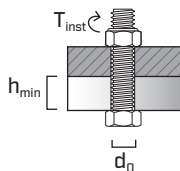


OHANGBEND



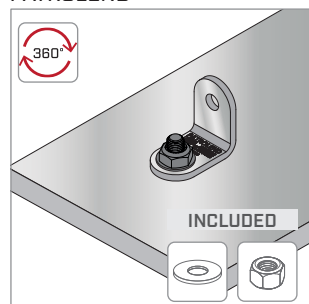


M16 - A2-70

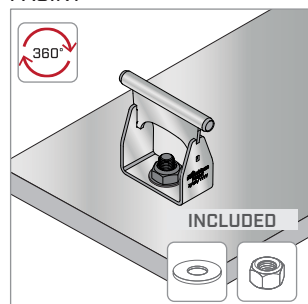


d	$=$	16 mm	d_0	$=$	16,5 mm
L	$\geq$	$h_{min} + 45$ mm	h_{min}	$\geq$	5 mm

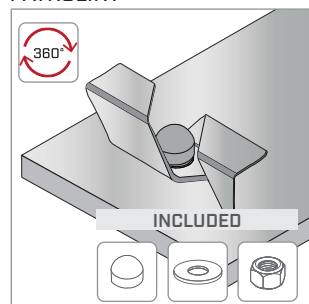
PATROLEND



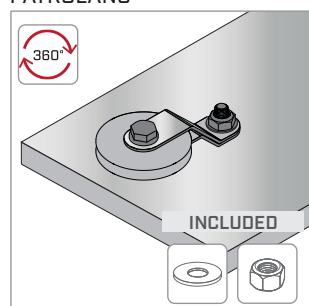
PASINT



PATROLINT



PATROLANG



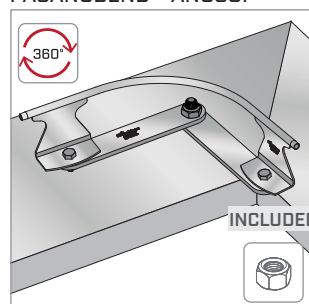
OHINT



PASANG



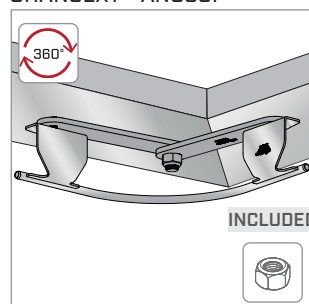
PASANGBEND + ANGSUP



OHAGINT + ANGSUP



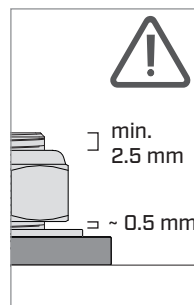
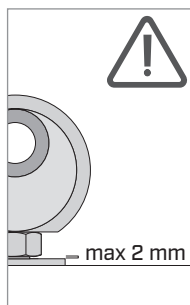
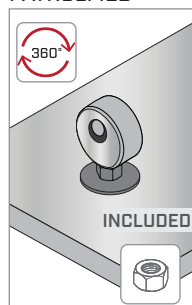
OHANGEXT + ANGSUP



OHANGBEND + ANGSUP

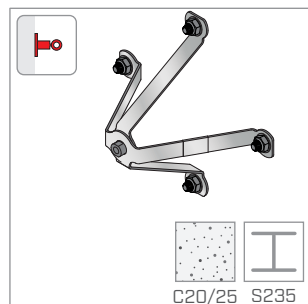


PATROLMED

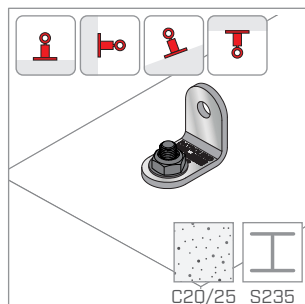


■ TERMINAL SUPPORTS INSTALLATION

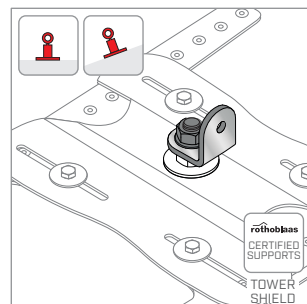
PAREND



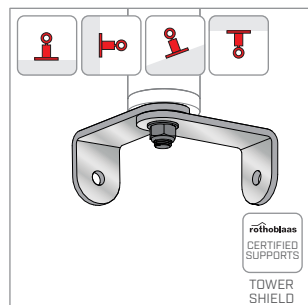
PATROLEND



PATROLTERM

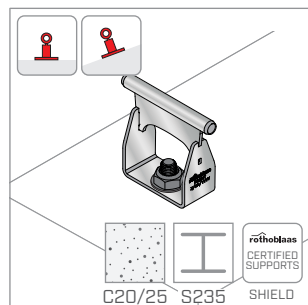


PATROLTERM L

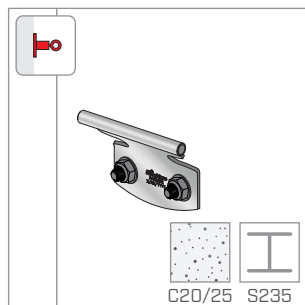


■ INTERMEDIATE SUPPORTS INSTALLATION

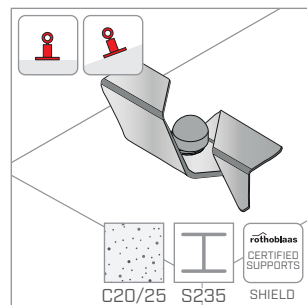
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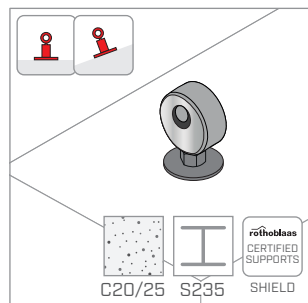
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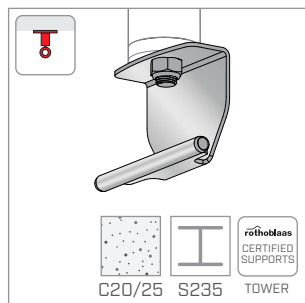
PATROLINT



PATROLMED

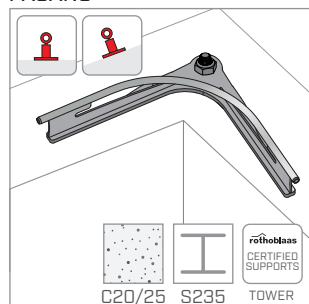


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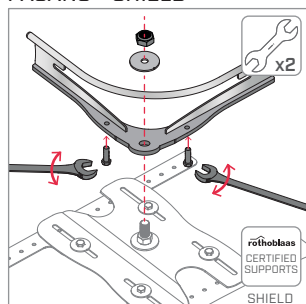


CORNER SUPPORTS INSTALLATION

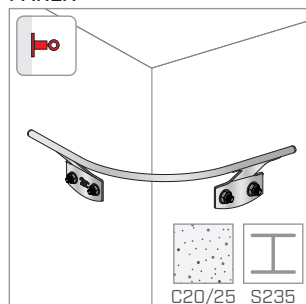
PASANG



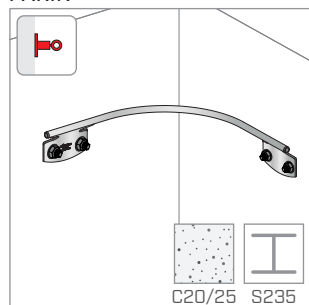
PASANG + SHIELD



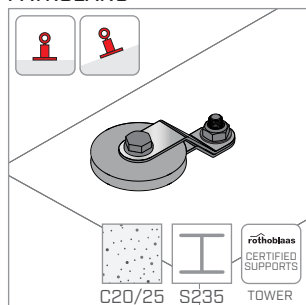
PAREX



PARIN

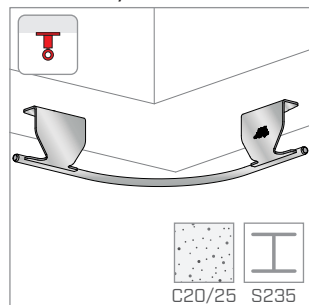


PATROLANG

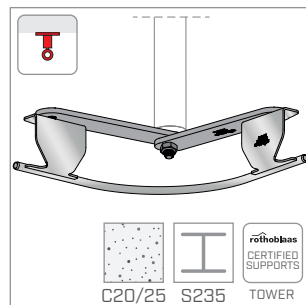
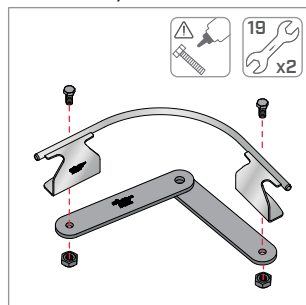


OVERHEAD CORNER SUPPORTS INSTALLATION

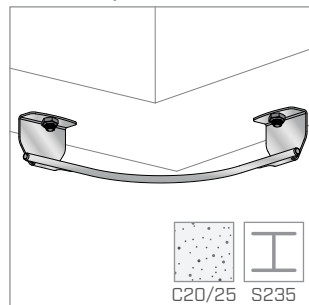
OHANGEXT/OHANGBEND



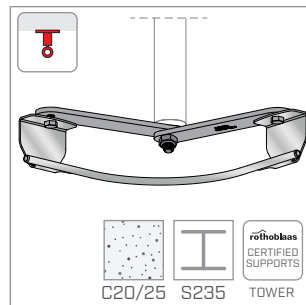
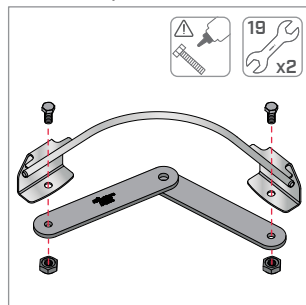
OHANGEXT/OHANGBEND + ANG SUP



OHANGINT/OHANGBEND

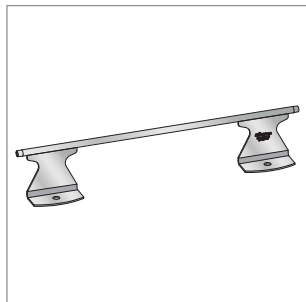


OHANGINT/OHANGBEND + ANG SUP



■ ADJUSTABLE CORNER SUPPORTS INSTALLATION

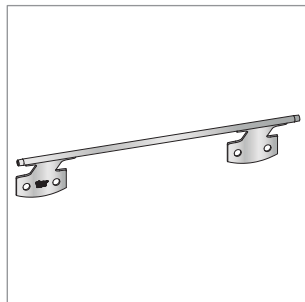
PASANGBEND



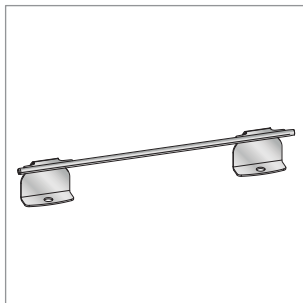
PARINBEND



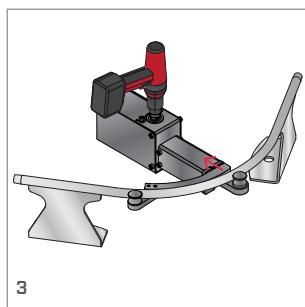
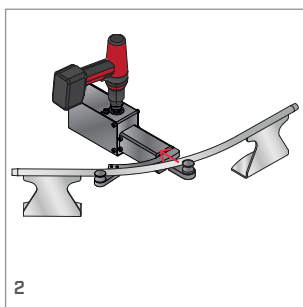
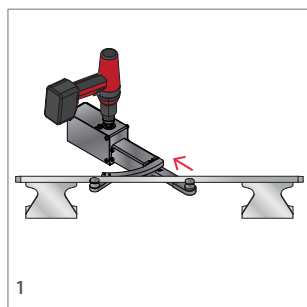
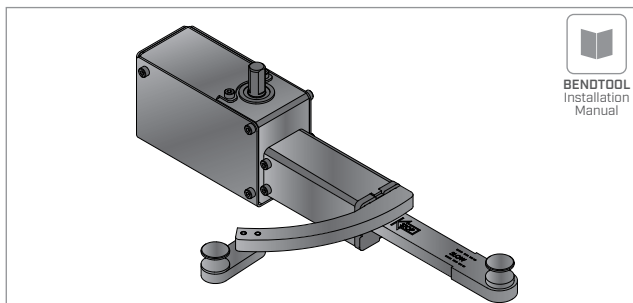
PAREXBEND



QHANGBEND

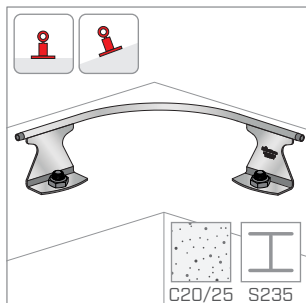


BENDTOOL

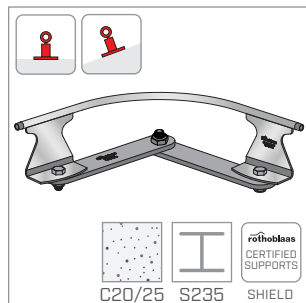
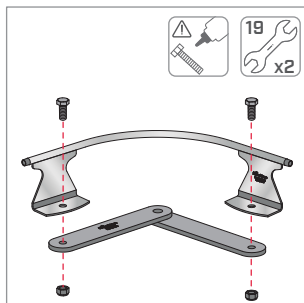


■ ADJUSTABLE CORNER SUPPORTS INSTALLATION

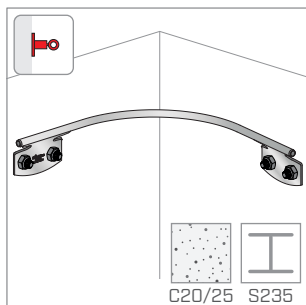
PASANGBEND



PASANGBEND + ANGUP



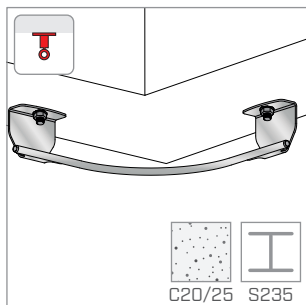
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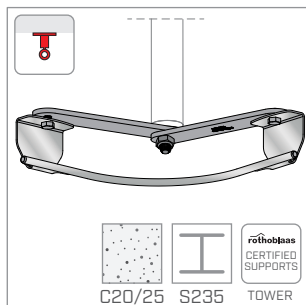
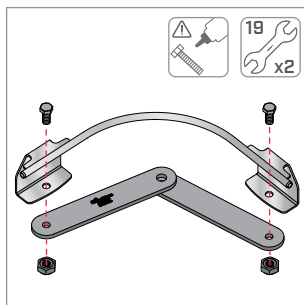
PAREXBEND



OHANGBEND



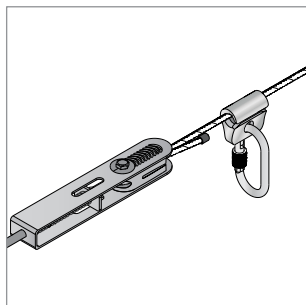
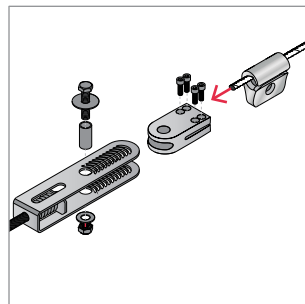
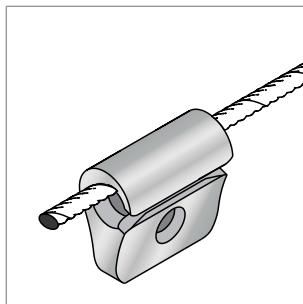
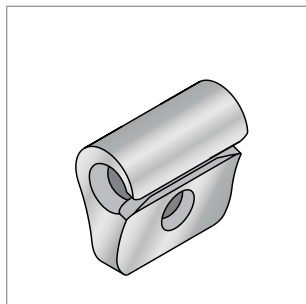
OHANGBEND + ANGUP



■ SLIDE 2 INSTALLATION



SLIDE1-SLIDE2-OHSLIDE
Installation
Manual

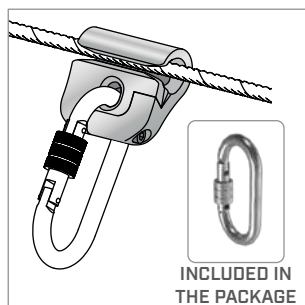
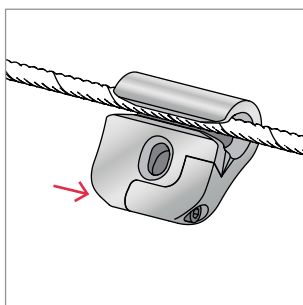
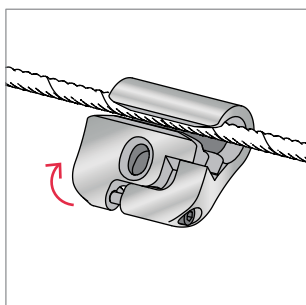
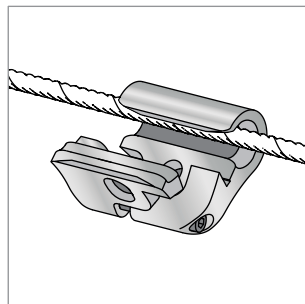
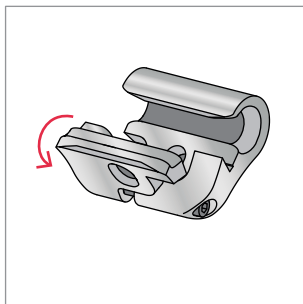
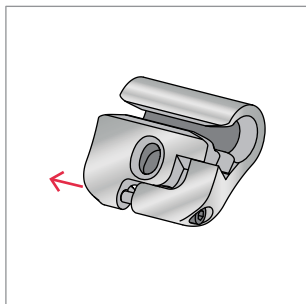


INCLUDED IN
THE PACKAGE



SLIDE1-SLIDE2-OHSLIDE
Installation
Manual

■ SLIDE 1 INSTALLATION

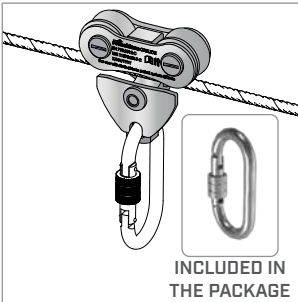
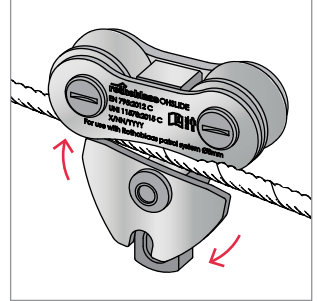
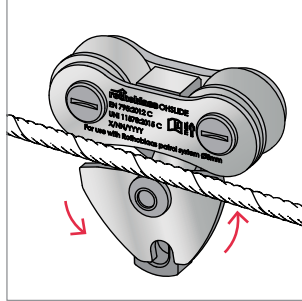
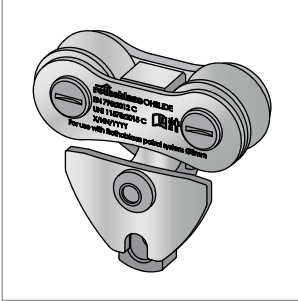


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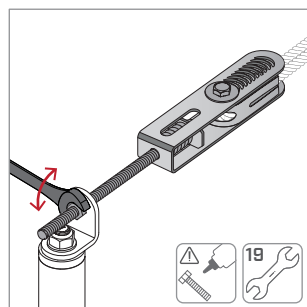
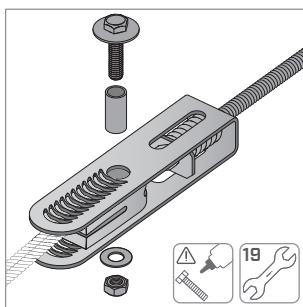
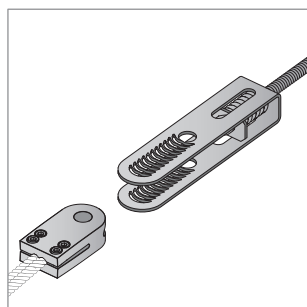
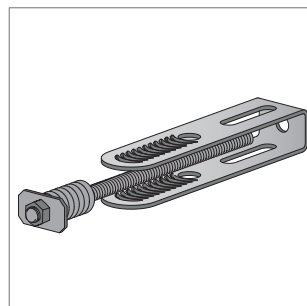
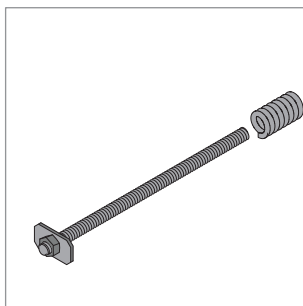
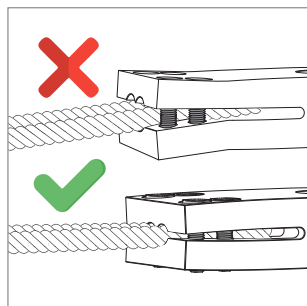
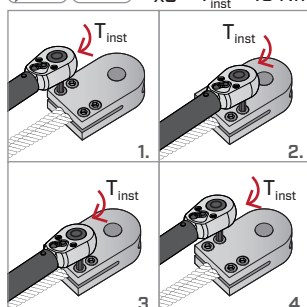
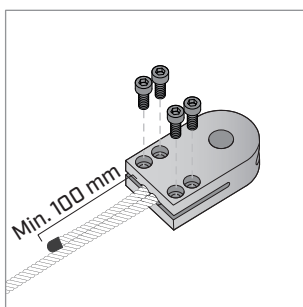
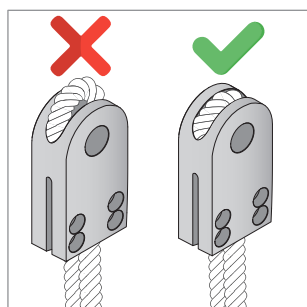
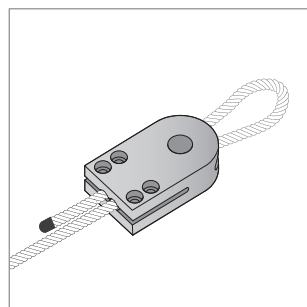
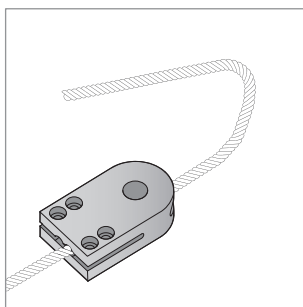
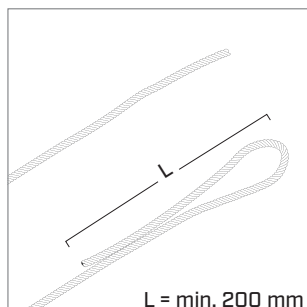
LIFELINE INSTALLATION
OHSLIDE INSTALLATION



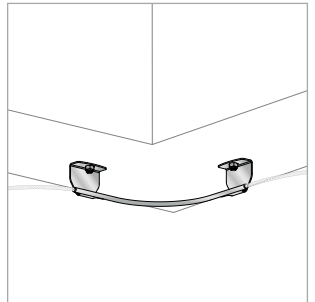
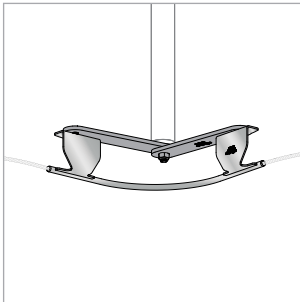
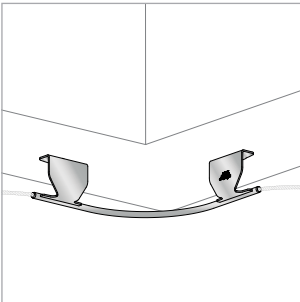
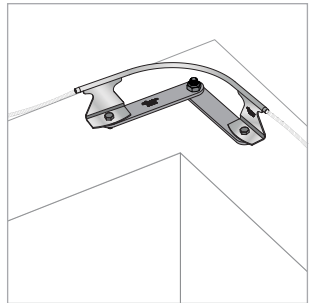
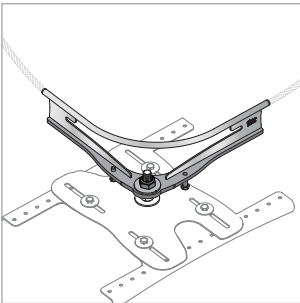
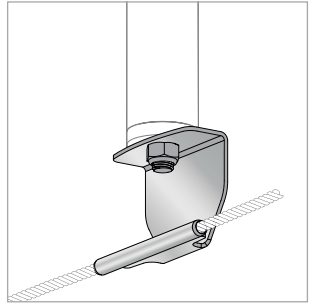
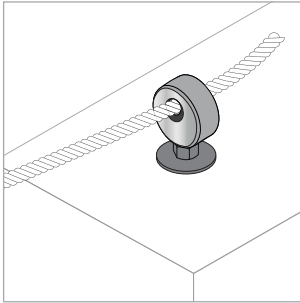
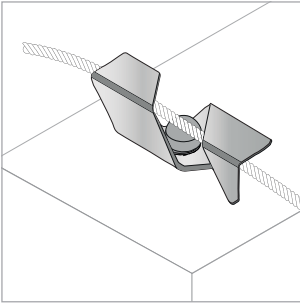
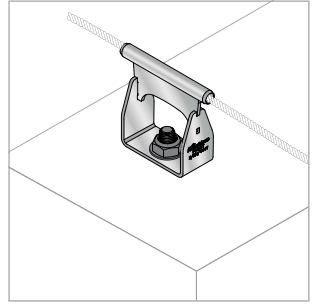
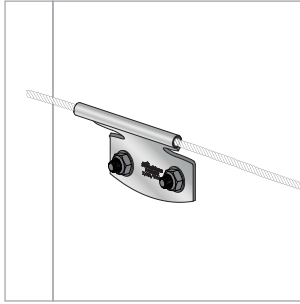
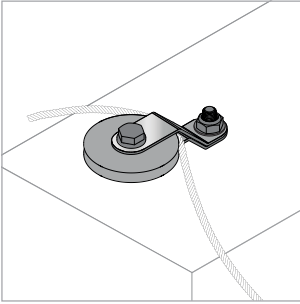
SLIDET-SLIDE2-OHSLIDE
 Installation
 Manual



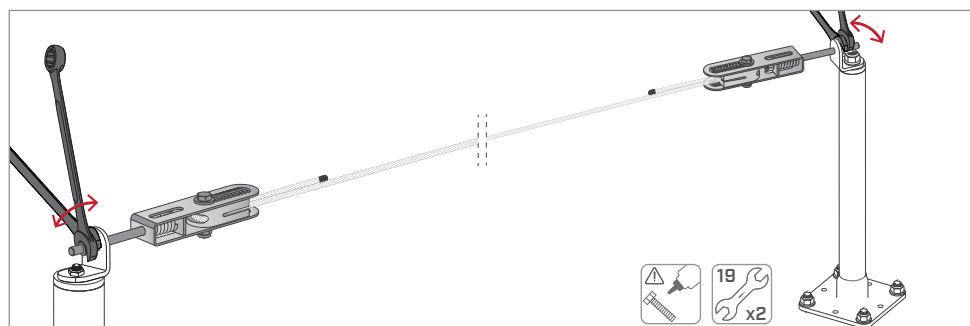
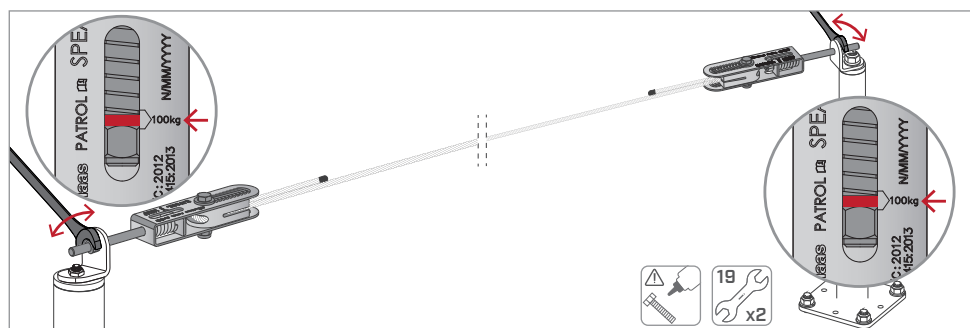
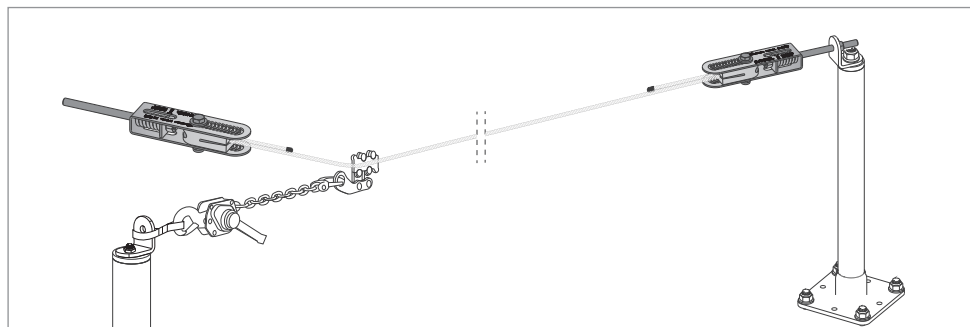
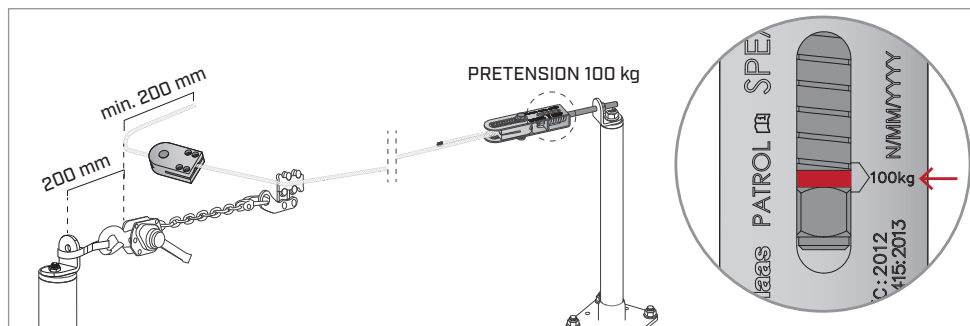
SPEAR INSTALLATION



LIFELINE INSTALLATION
■ CABLE INSTALLATION



SPEAR INSTALLATION





ROTHO BLAAS SRL

10-24

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