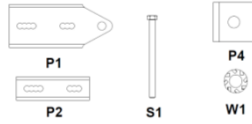


# AN801UNI/ASSEMBLAGE - Ancrage Haut

## Elements composants l'AN801UNI



- 1 x P1: Plaque d'ancrage 1
- 1 x P2: Plaque d'ancrage 2
- 2 x S1: Boulon 12 x160mm
- 4 x W1: Rondelles auto bloquantes D12
- 4 x W2: Rondelles D12
- 6 x N1: Nut M12

## Outillages pour installation

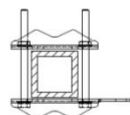


- 1 x clé de 19
- 1 x clé dynamométrique 19

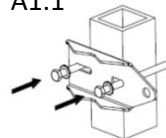
## Recommandations

- Il est impératif de suivre avec précaution le montage préconisé pour chaque type de structure
- Tous Boulons/Ecrous doivent être vissés à l'aide d'une clé dynamométrique afin d'assurer le couple de serrage.
- De la colle forte peut être utilisée pour venir fixer les écrous.
- Pour chaque montage, les plaques d'ancrages 1 et 2 doivent être parallèles.
- Positionner le point d'ancrage sur un endroit sûr de la structure, si possible juste au dessus d'un barreau dans le cadre d'une utilisation sur échelle

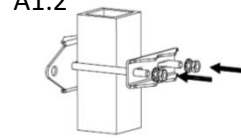
### 1/ Structure rectangulaire



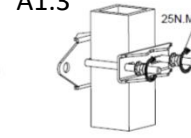
A1.1



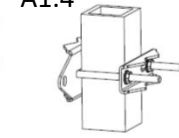
A1.2



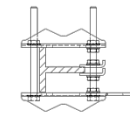
A1.3



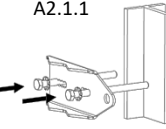
A1.4



### 2/ Structure T



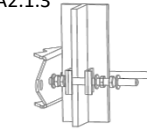
A2.1.1



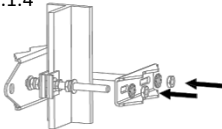
A2.1.2



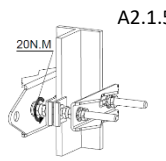
A2.1.3



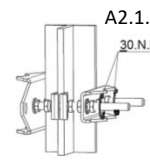
A2.1.4



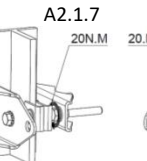
A2.1.5



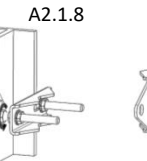
A2.1.6



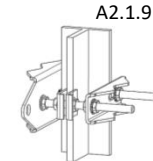
A2.1.7



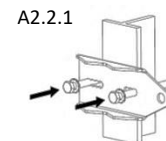
A2.1.8



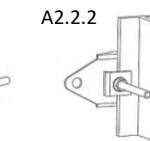
A2.1.9



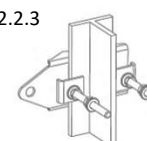
A2.2.1



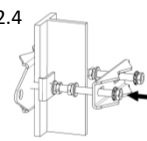
A2.2.2



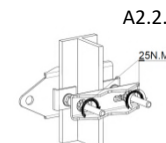
A2.2.3



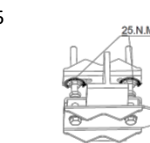
A2.2.4



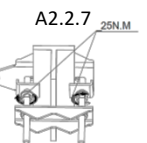
A2.2.5



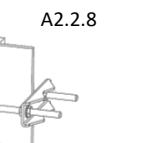
A2.2.6



A2.2.7

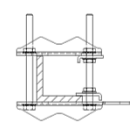


A2.2.8

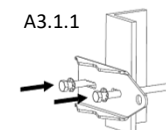


1 x clé dynamométrique de 17 pour vérifier les couples de serrage

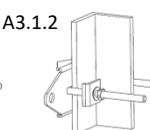
### 3/ Structure L



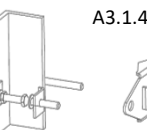
A3.1.1



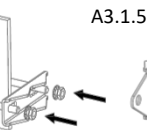
A3.1.2



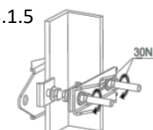
A3.1.3



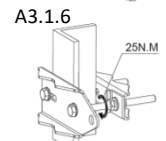
A3.1.4



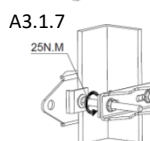
A3.1.5



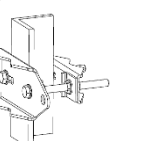
A3.1.6



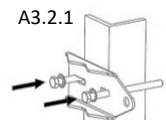
A3.1.7



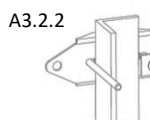
A3.1.8



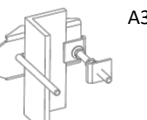
A3.2.1



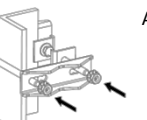
A3.2.2



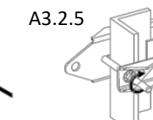
A3.2.3



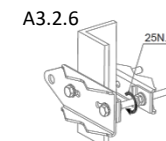
A3.2.4



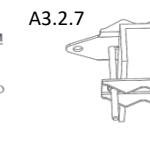
A3.2.5



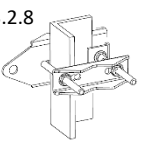
A3.2.6



A3.2.7



A3.2.8

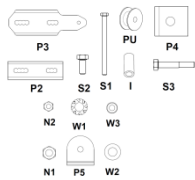


1 x clé dynamométrique de 17 pour vérifier les couples de serrage

**GUIDE  
D'ASSEMBLAGE  
B**

**AN802/ASSEMBLAGE**

**Eléments composants l'AN802**



- 1 x P3: Plaque de fixation
- 1 x P2: Plaque d'ancrage
- 2 x P4: Petite plaque d'ancrage
- 1 x P5: Platine ressort
- 2 x S1: Boulon M12 x 160mm
- 1 x S2: Boulon M8 x 20mm
- 1 x S3: Boulon M8x45mm
- 4 x W1: Rondelle auto bloquante D12
- 4 x W2: Rondelle D12

**Outillages pour installation**

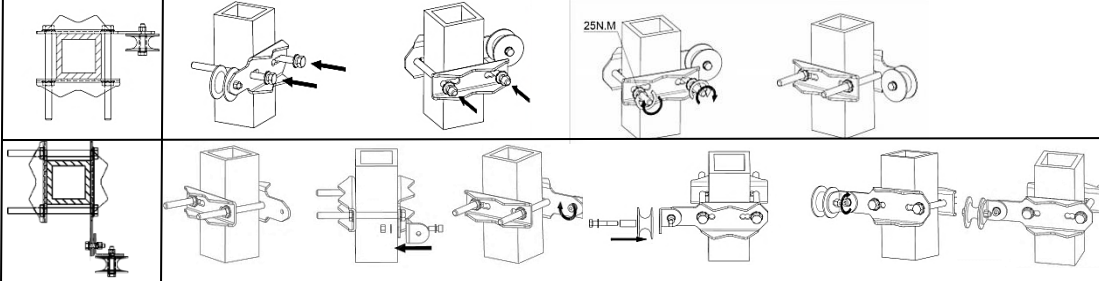


- 1 x clé de 13
- 1 x clé de 19
- 1 x clé dynamométrique de 19
- 1 x clé Allen de 6

**Recommandations**

- Même procédure que l'AN801UNI haut
- Il est impératif de suivre avec précaution le montage préconisé pour chaque type de structure
- Tous Boulons/Ecrous doivent être vissés à l'aide d'une clé dynamométrique afin d'assurer le couple de serrage.
- De la colle forte peut être utilisée pour venir fixer les écrous.
- Pour chaque montage, les plaques d'ancrages P2 et P3 doivent être parallèles.
- Positionner le point d'ancrage sur un endroit sur de la structure, si possible juste au dessus d'un barreau dans le cadre d'une utilisation sur échelle

**1/ Structure rectangulaire**



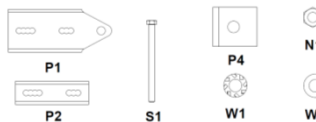
1 x clé dynamométrique de 17 pour vérifier les couples de serrage

**GUIDE  
D'ASSEMBLAGE  
C**

**AN801UNI/ASSEMBLAGE - Attache basse**

Pour l'installation de l'attache basse, procéder de la même manière que pour l'ancrage haut

**Eléments composants l'AN801UNI**



- 1 x P1: Plaque d'ancrage 1
- 1 x P2: Plaque d'ancrage 2
- 2 x S1: Boulon 12x160mm
- 4 x W1: Rondelles auto bloquantes D12
- 4 x W2: Rondelles D12
- 6 x N1: Nut M12

**Outillages pour installation**



- 1 x clé de 19
- 1 x clé dynamométrique 19

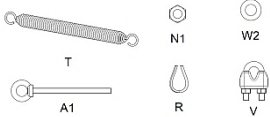
1 x clé dynamométrique de 17 pour vérifier les couples de serrage

**Recommandations**

- Même procédure que l'ancrage haut AN801UNI
- Il est impératif de suivre avec précaution le montage préconisé pour chaque type de structure
- Tous Boulon/Ecrou doivent être vissés à l'aide d'une clé dynamométrique afin d'assurer le couple de serrage.
- De la colle forte peut être utilisée pour venir fixer les écrous.
- Pour chaque montage, les plaques d'ancrages 1 et 2 doivent être parallèles.
- Positionner le point d'ancrage sur un endroit sur de la structure, si possible juste au dessus d'un barreau dans le cadre d'une utilisation sur échelle

## AN801TEN/ASSEMBLAGE

### Éléments composants le système de tension



P6 : Plaquette positionnement tige  
 1 x T : Ressort de tension  
 2 x N1 : Ecrou M12  
 1 x A1 : Vis d'ancrage M12  
 1 x W2: Rondelles D12  
 2 x V : Serres câbles  
 1 x R : Cosse Coeur

### Outillages pour installation



1 x clé de 13  
 1 x clé de 17  
 2 x clé de 19  
 1 x tenaille  
 1 x ruban adhésif

1 x clé dynamométrique de 17 pour vérifier les couples de serrage

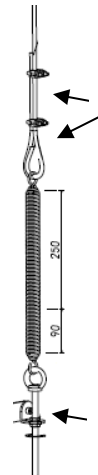
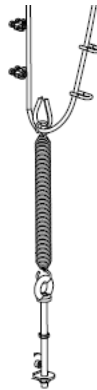
### Recommandations

- Tous Boulons/Ecrous doivent être vissés à l'aide d'une clé dynamométrique afin d'assurer le couple de serrage.
- De la colle forte peut être utilisée pour fixer les les écrous.
- Procéder à la mise en position du système de tension AN801TEN sur l'attache inférieure AN801UNI déjà en place.
- La plaquette de positionnement P6 de la tige de tension du ressort T doit être fixée à l'attache inférieure AN801UNI à l'aide des éléments boulon M16 et écrou M16.

### Installation du système de tension



Faire 4 tours



Vis des serres câbles côté brin actif

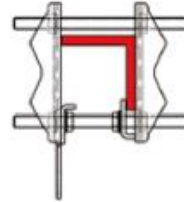
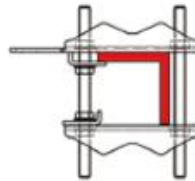
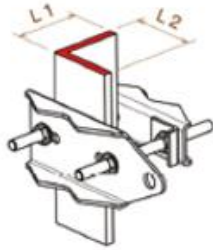
30 daN

## EXEMPLES d'UTILISATIONS (sur structures standards)

Les supports en L:

L1max=160mm

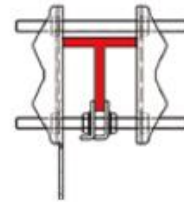
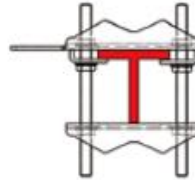
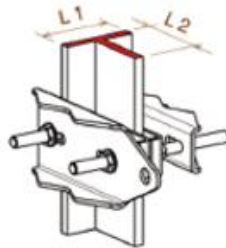
L2max=94mm



Les supports en T:

L1max=160mm

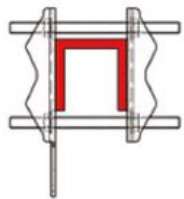
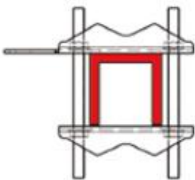
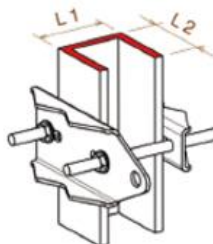
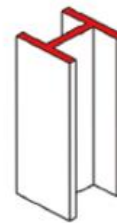
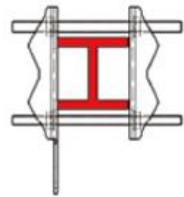
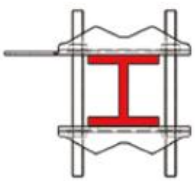
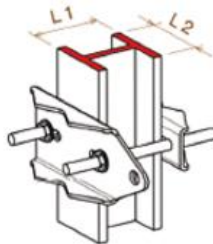
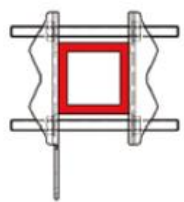
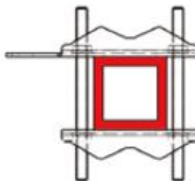
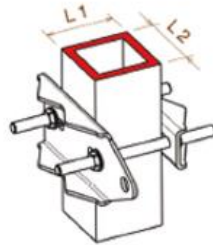
L2max=94mm



Les supports Rectangulaires:

L1max=160mm

L2max=94mm

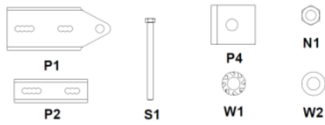




ASSEMBLY  
GUIDE  
A

AN801UNI/ASSEMBLY – TOP ANCHORAGE

Components of AN801UNI



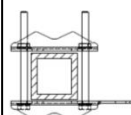
Tools for installation



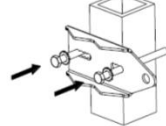
1 x Wrench size 19  
1 x Torque Wrench  
size 19

Recommendation

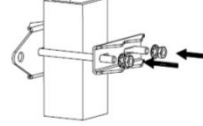
- It is necessary to follow the indication for installation according the profile of your structure.
- All tightening of bolt should be realized with the torque wrench to make sure of the value of tighten.
- Loctique glue for screw can also be use on the nuts.
- Plate P1 and P2 must be parallele in all the case.
- It is better to position the anchoring point at the nearest position from the structure.



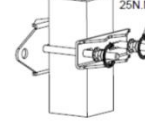
A1.1



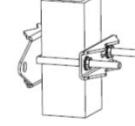
A1.2



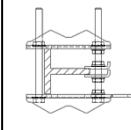
A1.3



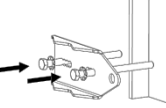
A1.4



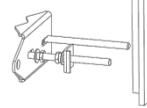
2/ Structure T



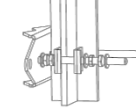
A2.1.1



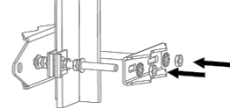
A2.1.2



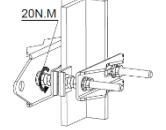
A2.1.3



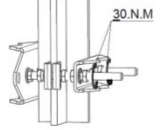
A2.1.4



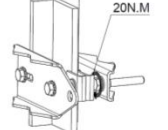
A2.1.5



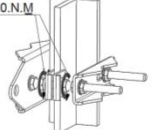
A2.1.6



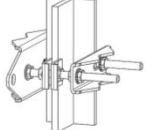
A2.1.7



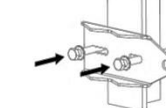
A2.1.8



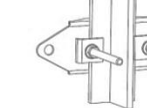
A2.1.9



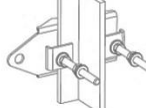
A2.2.1



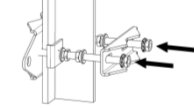
A2.2.2



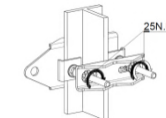
A2.2.3



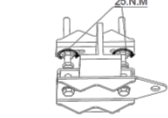
A2.2.4



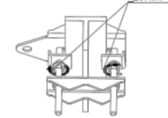
A2.2.5



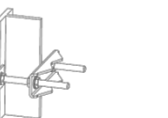
A2.2.6



A2.2.7



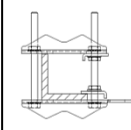
A2.2.8



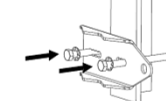
1 x Torque Wrench size 17 for  
check of the torque value



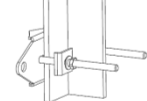
3/ Structure L



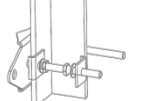
A3.1.1



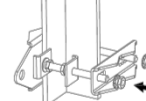
A3.1.2



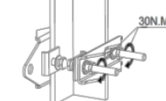
A3.1.3



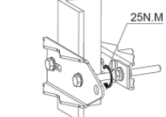
A3.1.4



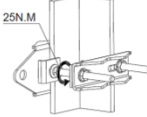
A3.1.5



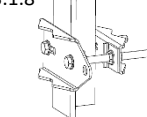
A3.1.6



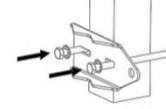
A3.1.7



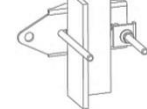
A3.1.8



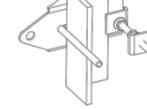
A3.2.1



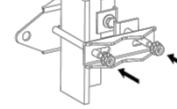
A3.2.2



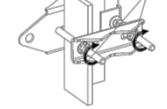
A3.2.3



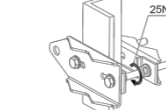
A3.2.4



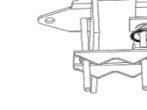
A3.2.5



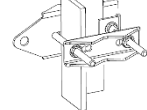
A3.2.6



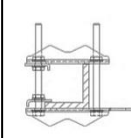
A3.2.7



A3.2.8



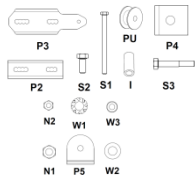
1 x Torque Wrench size 17 for  
check of the torque value



**ASSEMBLY  
GUIDE  
B**

**AN802/ ASSEMBLY**

**Components of AN802**



- 1 x P3: Fixation plate
- 1 x P2: Counter plate
- 2 x P4: Small counter plate
- 1 x P5: Plate for spring
- 2 x S1: Bolt M12 x 160mm
- 1 x S2: Bolt M8 x 20mm
- 1 x S3: Bolt M8x45mm
- 4 x W1: Washer autoblocking D12
- 4 x W2: Washer D12
- 6 x N1: M12 Nut

**Tools for installation**

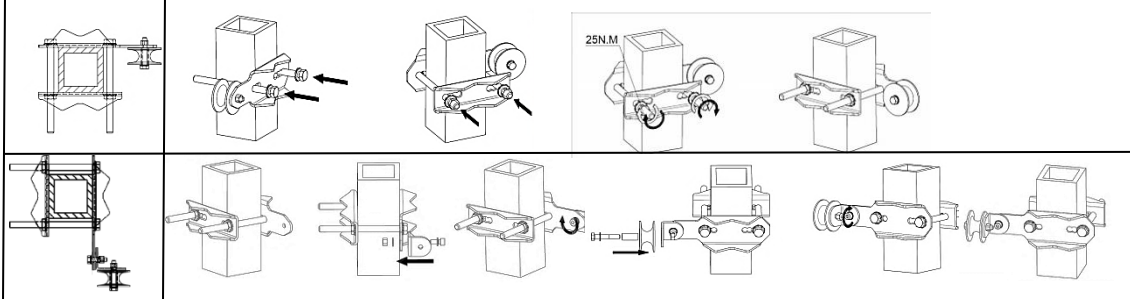


- 1 x Wrench size 13
- 1 x Wrench size 19
- 1 x Torque Wrench size 19
- 1 x Allen key size 6

**Recommandation**

- Installation**
- Do the same process as for the top anchorage AN801UNI
  - It is necessary to follow the indication for installation according the profile of your structure.
  - All tightening of bolt should be realized with the torque wrench to make sure of the value of tighten.
  - Loctique glue for screw can also be use on the nuts..
  - Plate and counter plate must be parallele in all the case.
  - It is better to position the anchoring point at the nearest position from the structure.

**1/ Rectangular structure**



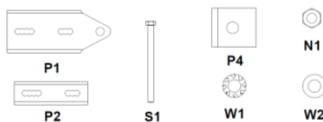
1 x Torque Wrench size 17 for check of the torque value

**ASSEMBLY  
GUIDE  
C**

**AN801UNI/ ASSEMBLY – Low ANCHORAGE**

Same process of top anchorage AN801UNI Installation, for the low anchorage AN801UNI

**Components of tension system for AN801UNI**



- 1 x P1: Spring tension
- 1 x P2: Nut M12
- 2 x S1: Bolt 12 x160mm
- 4 x W1: Washer autoblocking D12
- 4 x W2: Washers D12
- 6 x N1: Nut M12

**Tools for installation**



- 1 x wrench size 19
- 1 x Torque Wrench size 19

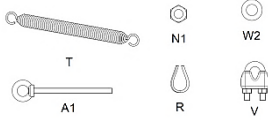
1 x Torque Wrench size 17 for check of the torque value

**Recommandation**

- Same procedure of installation of AN801UNI
- It is necessary to follow the indication for installation according the profile of your structure.
- All tightening of bolt should be realized with the torque wrench to make sure of the value of tighten.
- Loctique glue for screw can also be use on the nuts.
- Plate and counter plate must be parallele in all the case.
- It is better to position the anchoring point at the nearest position from the structure.

ASSEMBLY  
GUIDE  
D

AN801TEN/ ASSEMBLY



- P6 : Insert positioning pin  
 1 x T : Spring tension  
 2 x N1 : Nut M12  
 1 x A1 : Anchorage screw M12  
 1 x W2 : Bolt D12  
 2 x V : Calmp cable  
 1 x R : Thimble sleeve loop

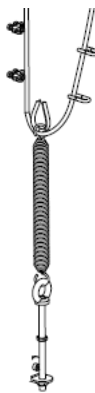
- 1 x wrench size 13  
 1 x wrench size 17  
 2 x wrench size 19  
 1 x pincer  
 1 x piece of tape

1 x Torque Wrench size 17 for  
 check of the torque value

**Installation of tension system**



Run 4 times



Screws of the clamp cable on the  
 side of active cable

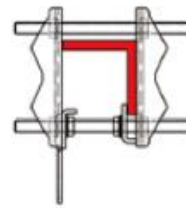
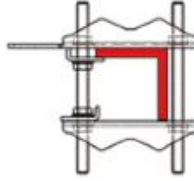
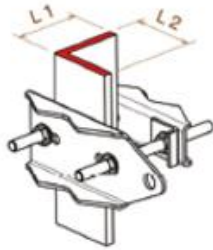
30 daN

EXAMPLE of USE (of standard products)

Les supports en L:

L1max=160mm

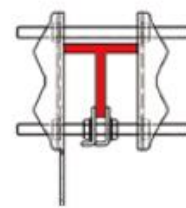
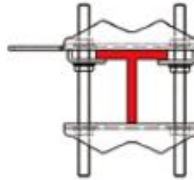
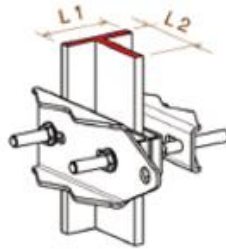
L2max=94mm



Les supports en T:

L1max=160mm

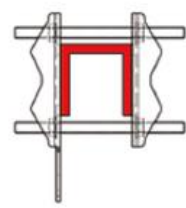
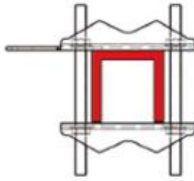
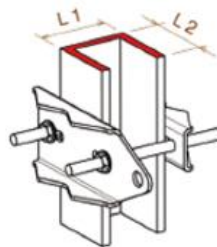
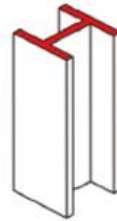
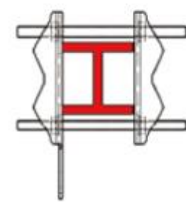
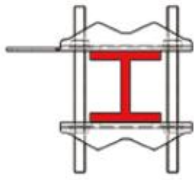
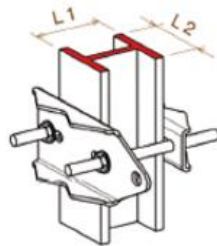
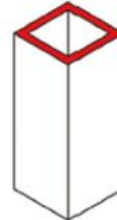
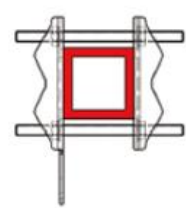
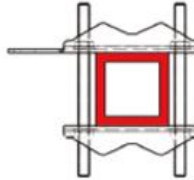
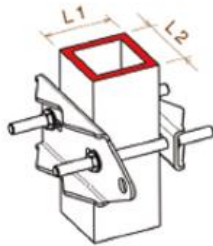
L2max=94mm



Les supports Rectangulaires:

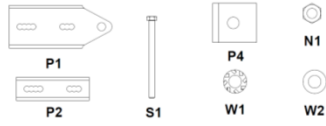
L1max=160mm

L2max=94mm



# AN801UNI/ASSEMBLAGGIO – Ancoraggio alto

## Componenti del dispositivo AN801UNI



- 1 x P1: Placca di ancoraggio 1
- 1 x P2: Placca di ancoraggio 2
- 2 x S1: Bullone 12 x160mm
- 4 x W1: Rondelle anto-bloccanti D12
- 4 x W2: Rondella D12
- 6 x N1: Dado M12

## Utensili per l'installazione

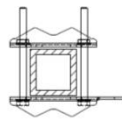


- 1 x chiave da 19
- 1 x chiave dinamometrica da 19

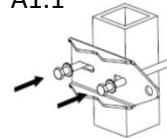
## Raccomandazioni

- E' essenziale seguire con attenzione il montaggio previsto per ogni tipo di struttura
- I bulloni/dadi devono essere avvitati con l'ausilio di una chiave dinamometrica per garantire la corretta coppia di serraggio.
- E' possibile utilizzare una colla forte per fissare i dadi.
- Per ogni montaggio, le placche di ancoraggio 1 e 2 devono essere parallele.
- Posizionare il punto di ancoraggio su una sede della struttura, se possibile proprio al di sopra la barra, nel caso di utilizzo su una scala

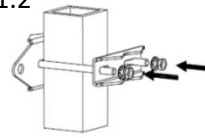
### 1/ Struttura rettangolare



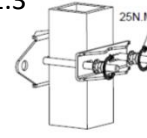
A1.1



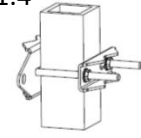
A1.2



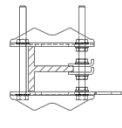
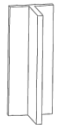
A1.3



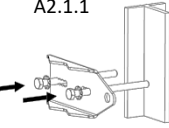
A1.4



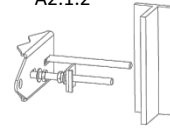
### 2/ Struttura a T



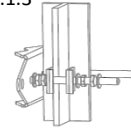
A2.1.1



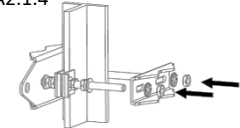
A2.1.2



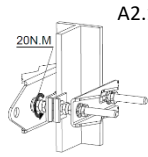
A2.1.3



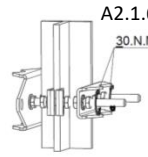
A2.1.4



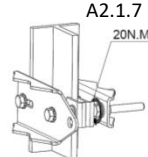
A2.1.5



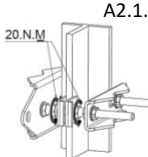
A2.1.6



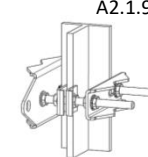
A2.1.7



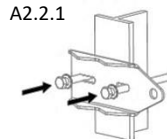
A2.1.8



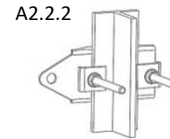
A2.1.9



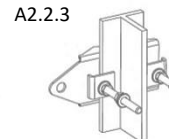
A2.2.1



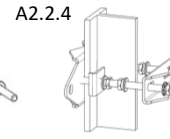
A2.2.2



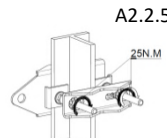
A2.2.3



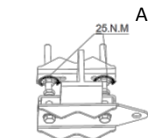
A2.2.4



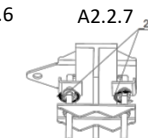
A2.2.5



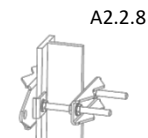
A2.2.6



A2.2.7

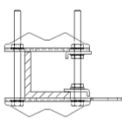


A2.2.8

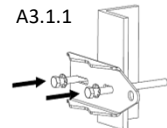


1 x chiave dinamometrica da 17  
per verificare le coppie di serraggio

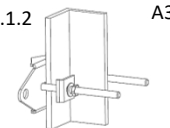
### 3/ Struttura a L



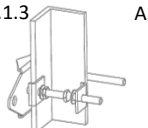
A3.1.1



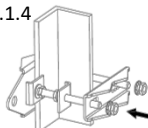
A3.1.2



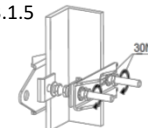
A3.1.3



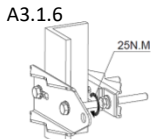
A3.1.4



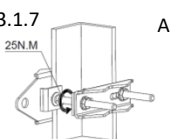
A3.1.5



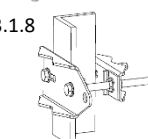
A3.1.6



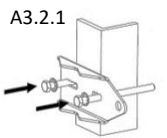
A3.1.7



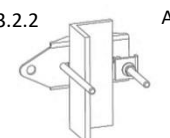
A3.1.8



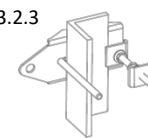
A3.2.1



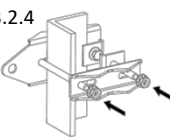
A3.2.2



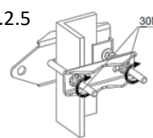
A3.2.3



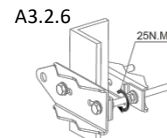
A3.2.4



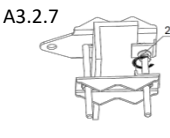
A3.2.5



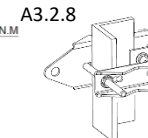
A3.2.6



A3.2.7



A3.2.8

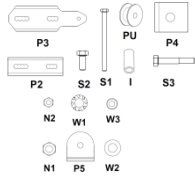


1 x chiave dinamometrica da 17  
per verificare le coppie di serraggio

**GUIDA  
ALL'ASSEMBLAGGIO  
B**

**AN802/ ASSEMBLAGGIO**

**Componenti del dispositivo AN802**



- 1 x P3: Placca di fissaggio
- 1 x P2: Placca di ancoraggio
- 2 x P4: Placchetta di ancoraggio
- 1 x P5: Placchetta a molla
- 2 x S1: Bullone M12 x 160mm
- 1 x S2: Bullone M8 x 20mm
- 1 x S3: Bullone M8x45mm
- 4 x W1: Rondella auto-bloccante D12
- 4 x W2: Rondella D12
- 6 x N1: Dado M12

**Utensili per l'installazione**

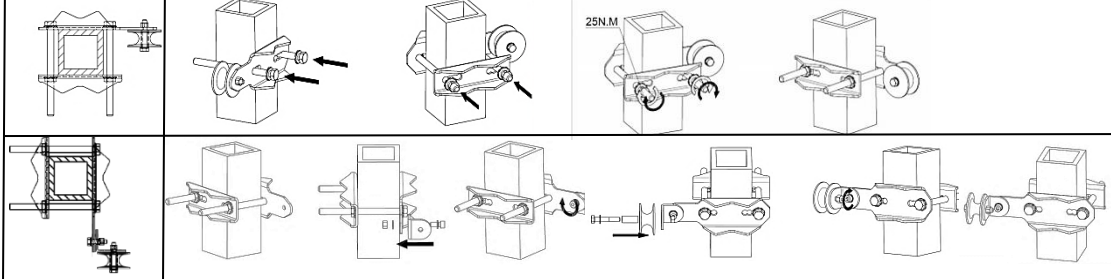


- 1 x chiave da 13
- 1 x chiave da 19
- 1 x chiave  
dinamometrica da  
19
- 1 x chiave Allen da 6

**Raccomandazioni**

- Stessa procedura descritta per il dispositivo l'AN801UNI di cui sopra
- E' essenziale seguire con attenzione il montaggio previsto per ogni tipo di struttura
- I bulloni/dadi devono essere avvitati con l'ausilio di una chiave dinamometrica per garantire la corretta coppia di serraggio
- E' possibile utilizzare una colla forte per fissare i dadi.
- Per ogni montaggio, le placche di ancoraggio P2 e P3 devono essere parallele.
- Posizionare il punto di ancoraggio su una sede della struttura, se possibile proprio al di sopra la barra , nel caso di utilizzo su una scala

**1/ Struttura rettangolare**



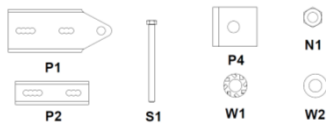
1 x chiave dinamometrica da 17  
per verificare le coppie di serraggio

**GUIDA  
D'ASSEMBLAGGIO  
C**

**AN801UNI/ ASSEMBLAGGIO – Attacco basso**

Per l'installazione dell'attacco basso AN801UNI, procedere allo stesso modo dell'ancoraggio alto AN801UNI

**Componenti del dispositivo AN801UNI**



- 1 x P1: Placca di ancoraggio 1
- 1 x P2: Placca di ancoraggio 2
- 2 x S1: Bullone 12 x160mm
- 4 x W1: Rondelle auto-bloccanti D12
- 4 x W2: Rondella D12
- 6 x N1: Dado M12

**Utensili per l'installazione**



- 1 x chiave da 19
- 1 x chiave  
dinamometrica da  
19

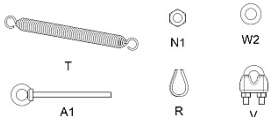
1 x chiave dinamometrica da 17  
per verificare le coppie di serraggio

**Raccomandazioni**

- Stessa procedura seguita per l'ancoraggio alto AN801UNI
- E' essenziale seguire con attenzione il montaggio previsto per ogni tipo di struttura
- I bulloni/dadi devono essere avvitati con l'ausilio di una chiave dinamometrica per garantire la corretta coppia di serraggio.
- E' possibile utilizzare una colla forte per fissare i dadi.
- Per ogni montaggio, le placche di ancoraggio 1 e 2 devono essere parallele.
- osizionare il punto di ancoraggio su una sede della struttura, se possibile proprio al di sopra la barra , nel caso di utilizzo su una scala

## AN801TEN/ASSEMBLAGGIO

### Componenti del sistema di tensionamento



P6 : Placchetta posizionamento asta  
 1 x T : Molle di tensione  
 2 x N1 : Dado M12  
 1 x A1 : Vite di ancoraggio M12  
 1 x W2: Rondella D12  
 2 x V : Serra-cavi  
 1 x R : Radancia

### Utensili per l'installazione



1 x chiave da 13  
 1 x chiave da 17  
 2 x chiave da 19  
 1 x tenaglia  
 1 x nastro adesivo

### Raccomandazioni

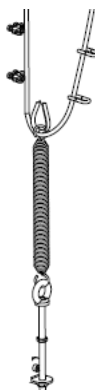
- I bulloni/dadi devono essere avvitati con l'ausilio di una chiave dinamometrica per garantire la corretta coppia di serraggio.
- E' possibile utilizzare una colla forte per fissare i dadi.
- Procedere al posizionamento del sistema di tensione AN801TEN sull'attacco inferiore AN801UNI già posizionato.
- La placchetta di posizionamento P6 della barra di tensione della molla T deve essere fissata all'attacco inferiore AN801UNI con l'ausilio di elementi bullone M16 e dado M16.

1 x chiave dinamometrica da 17  
 per verificare le coppie di serraggio

### Installazione del sistema di tensionamento



Fare 4 giri



Vite dei serracavi lato estremità filo

30 daN

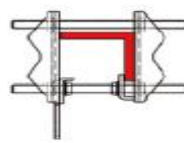
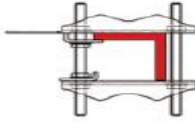


ESEMPIO DI UTILIZZO (per i prodotti standard)

Les supports en L:

L1max=160mm

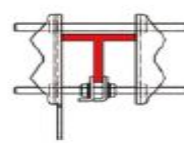
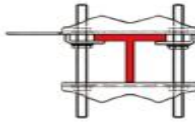
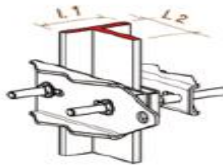
L2max=94mm



Les supports en T:

L1max=160mm

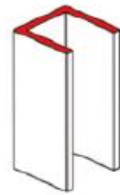
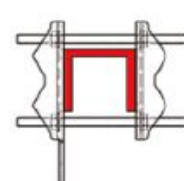
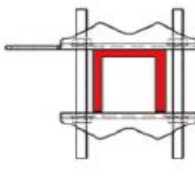
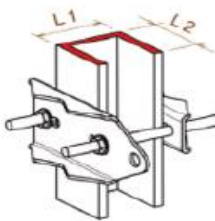
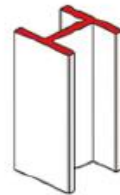
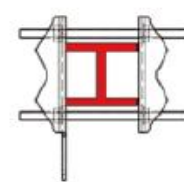
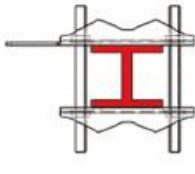
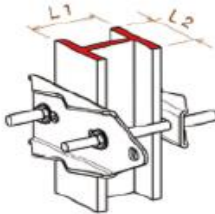
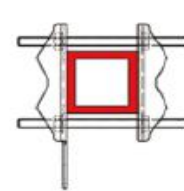
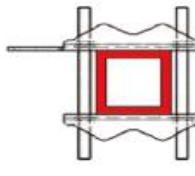
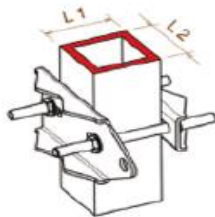
L2max=94mm



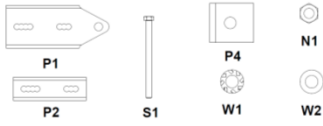
Les supports Rectangulaires:

L1max=160mm

L2max=94mm



Componentes del AN801UNI



- 1 x P1: Placa de anclaje 1
- 1 x P2: Placa de anclaje 2
- 2 x S1: Tornillo 12 x160mm
- 4 x W1: Arandela bloquea D12
- 4 x W2: Arandela D12
- 6 x N1: Tuerca M12

Herramientas para la instalación

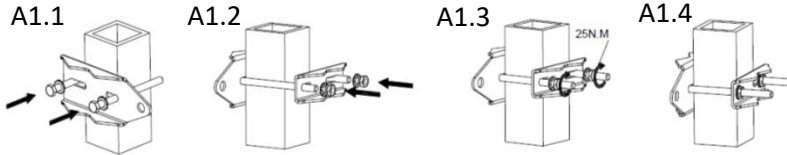
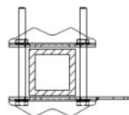


- 1 x clave de 19
- 1 x clave dinamometrica 19

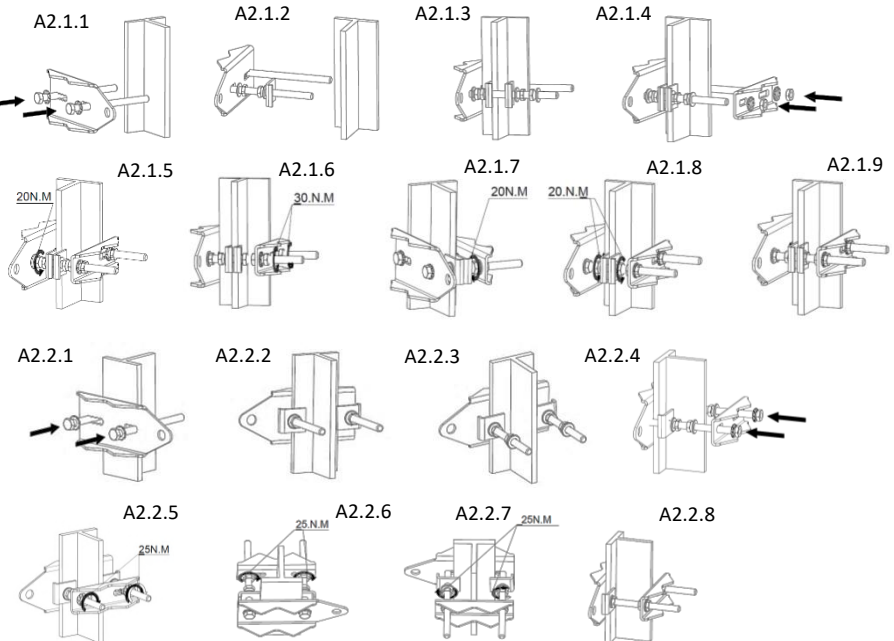
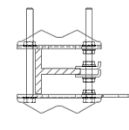
Recomendaciones

- Es importante de seguir cuidadosamente la instalación recomendada para cada tipo de estructura
- Todos los tornillos / tuercas deben atornillarse con una llave de torsión para asegurar el par.
- El pegamento se puede utilizar para venir fijar las tuercas.
- Para cada montaje, las placas de anclaje 1 y 2 deben ser paralelo.
- Poner en posición el punto de anclaje en una estructura, posiblemente, justo por encima de un bar en el contexto del uso de la escala

1/ Estructura rectangular

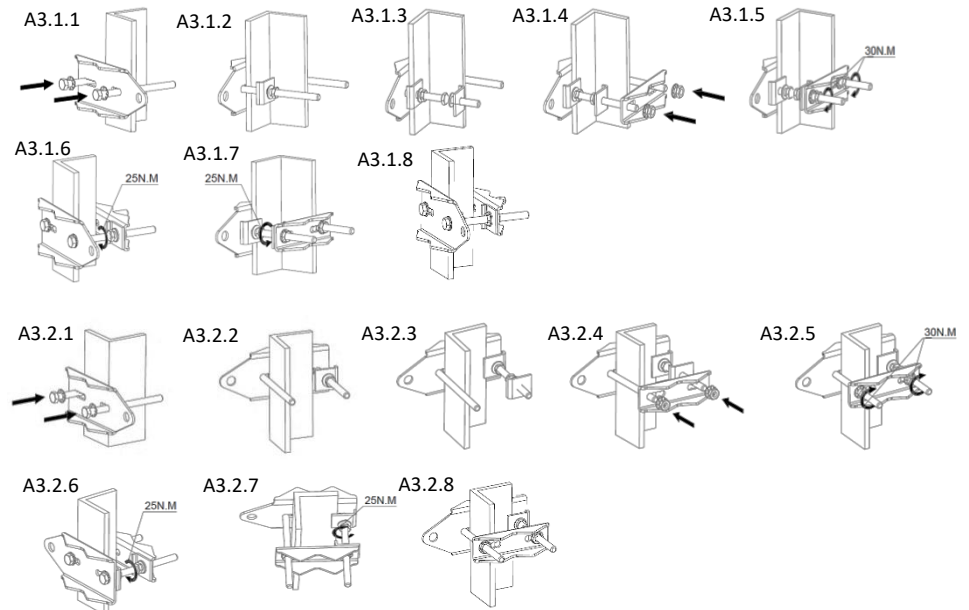
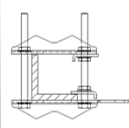


2/ Estructura T



1 x Clave de torsión 17 para comprobar el par

3/ Estructura L

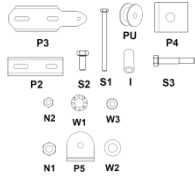


1 x Clave de torsión 17 para comprobar el par

# GUÍA DE ASAMBLEA B

## AN802/ASEMBLEA

### Componentes del AN802



- 1 x P3: Placa de fijacion
- 1 x P2: Placa de anclaje
- 2 x P4: Pequena placa de anclaje
- 1 x P5: Placa muelle
- 2 x S1: Tornillo M12 x 160mm
- 1 x S2: Tornillo M8 x 20mm
- 1 x S3: Tornillo M8x45mm
- 4 x W1: Arandela bloqueada D12
- 4 x W2: Arandela D12

### Herramientas para la instalación

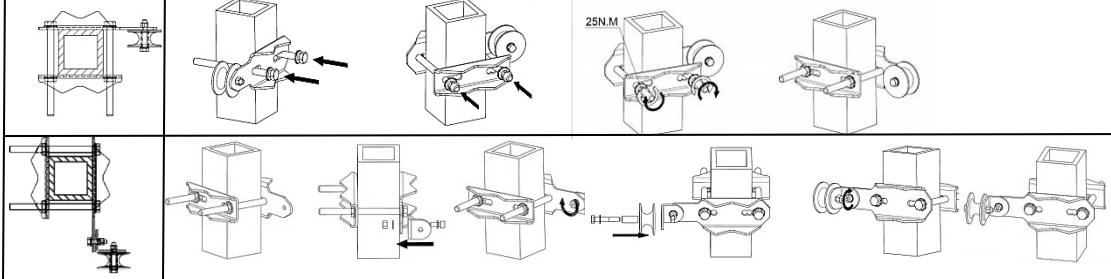


- 1 x clave de 13
- 1 x clave de 19
- 1 x clave de torsión de 19
- 1 x clave Allen de 6

### Recomendaciones

- Es importante de seguir cuidadosamente la instalación recomendada para cada tipo de estructura
- Todos los tornillos / tuercas deben atornillarse con una llave de torsión para asegurar el par.
- El pegamento se puede utilizar para venir fijar las tuercas.
- Para cada montaje, las placas de anclaje 1 y 2 deben ser paralelo.
- Poner en posición el punto de anclaje en una estructura, posiblemente, justo por encima de un bar en el contexto del uso de la escala

### 1/ Estructura rectangular



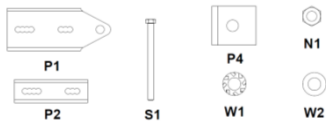
1 x Clave de torsión 17 para comprobar el par

# GUÍA DE ASAMBLEA C

## AN801UNI/ASEMBLEA- Anclaje inferior

Para la instalación del anclaje inferior, hacer de la misma manera que para el anclaje superior AN801UNI

### Componentes del AN801UNI



- 1 x P1: Placa de anclaje 1
- 1 x P2: Placa de anclaje 2
- 2 x S1: Tornillo 12 x160mm
- 4 x W1: Arandela bloqueada D12
- 4 x W2: Arandela D12
- 6 x N1: Tuerca M12

### Herramientas para la instalación



- 1 x clé de 19
- 1 x clave de torsión 19

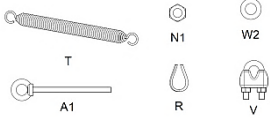
1 x Clave de torsión 17 para comprobar el par

### Recomendaciones

- Es importante de seguir cuidadosamente la instalación recomendada para cada tipo de estructura
- Todos los tornillos / tuercas deben atornillarse con una llave de torsión para asegurar el par.
- El pegamento se puede utilizar para venir fijar las tuercas.
- Para cada montaje, las placas de anclaje 1 y 2 deben ser paralelo.
- Poner en posición el punto de anclaje en una estructura, posiblemente, justo por encima de un bar en el contexto del uso de la escala

## AN801TEN/ASEMBLEA

### Componentes del sistema de tensión



P6 : Placa de posicionamiento del tallo  
 1 x T : Muelle de tensión  
 2 x N1 : Tuerca M12  
 1 x A1 : Tornillo de anclaje M12  
 1 x W2: Arandela D12  
 2 x V : Prensaestopas  
 1 x R : Clavel

### Herramientas para la instalación



1 x clave de 13  
 1 x clave de 17  
 2 x clave de 19  
 1 x alicates  
 1 x cinta

1 x Clave de torsión 17 para  
 comprobar el par

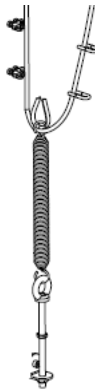
### Recomendaciones

- Es importante de seguir cuidadosamente la instalación recomendada para cada tipo de estructura
- Todos los tornillos / tuercas deben atornillarse con una llave de torsión para asegurar el par.
- El pegamento se puede utilizar para venir fijar las tuercas.
- Hacer la tensión del sistema de posicionamiento AN801TEN la AN801UNI fijación inferior ya en el lugar.
- La placa de posicionamiento P6 debe ser fijada al anclaje inferior AN801 UNI con las tuercas M16 y los tornillos M16

### Instalación del sistema de tensión



Hacer 4 vueltas



Tornillos de las prensaestopas al  
 lado brizna activa

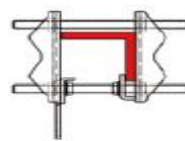
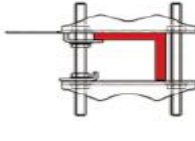
30 daN

## EJEMPLOS DE UTILIZACION (Estructuras standard)

Estructura L

L1max=160mm

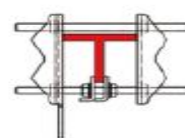
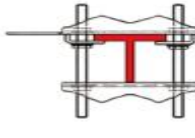
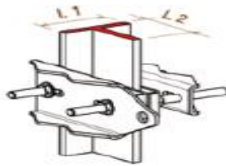
L2max=94mm



Estructura T

L1max=160mm

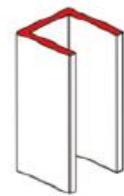
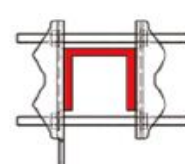
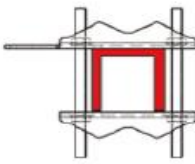
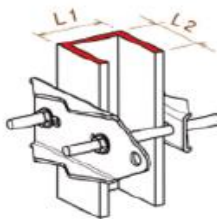
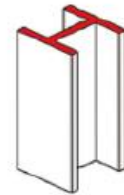
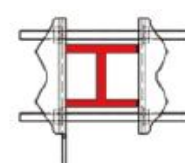
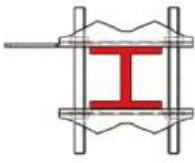
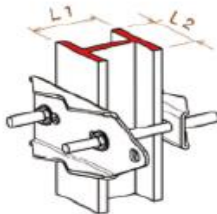
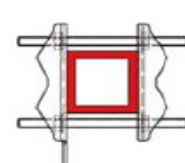
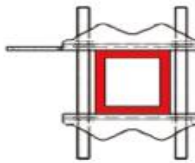
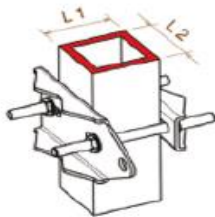
L2max=94mm



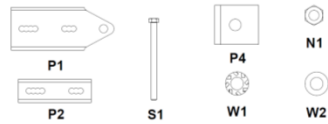
Estructura rectangular

L1max=160mm

L2max=94mm



Elementos que constituem o AN801UNI



- 1 x P1: Placa de ancoragem 1
- 1 x P2: Placa de ancoragem 2
- 2 x S1: Cavilha 12 x160mm
- 4 x W1: Anilhas auto-bloqueadoras D12
- 4 x W2: Anilha D12
- 6 x N1: Porca M12

Ferramentas para a instalação

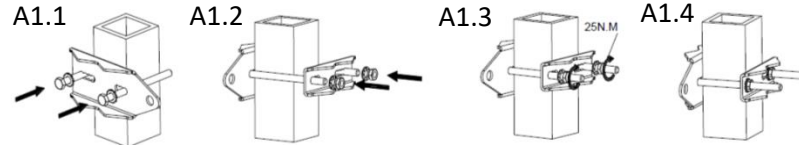
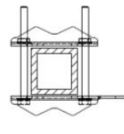


- 1 x chave de 19
- 1 x chave dinamométrica de 19

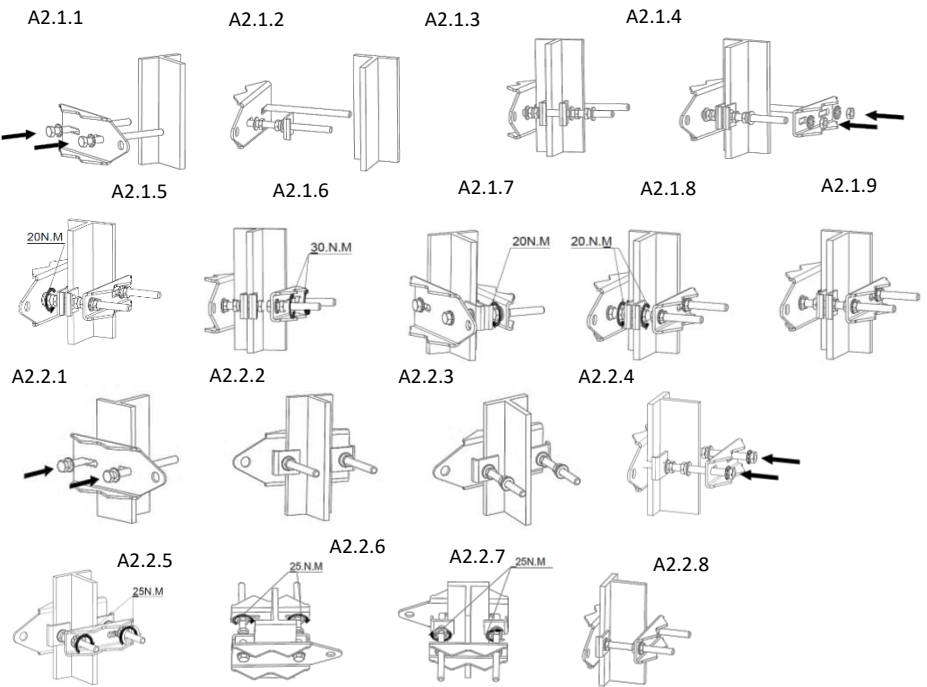
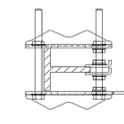
Recomendações

- É imprescindível seguir com cuidado a montagem recomendada para cada tipo de estrutura
- Todas as cavilhas/porcas devem ser fixas com o auxílio de uma chave dinamométrica, com vista a garantir o binário de aperto.
- Poderá utilizar cola de fixação forte para fixar as porcas.
- Para cada montagem, as placas de ancoragem 1 e 2 devem estar paralelas.
- Posicionar o ponto de ancoragem num local da estrutura, se possível por cima de um degrau, no âmbito de utilização sobre escada.

1/ Estrutura rectangular

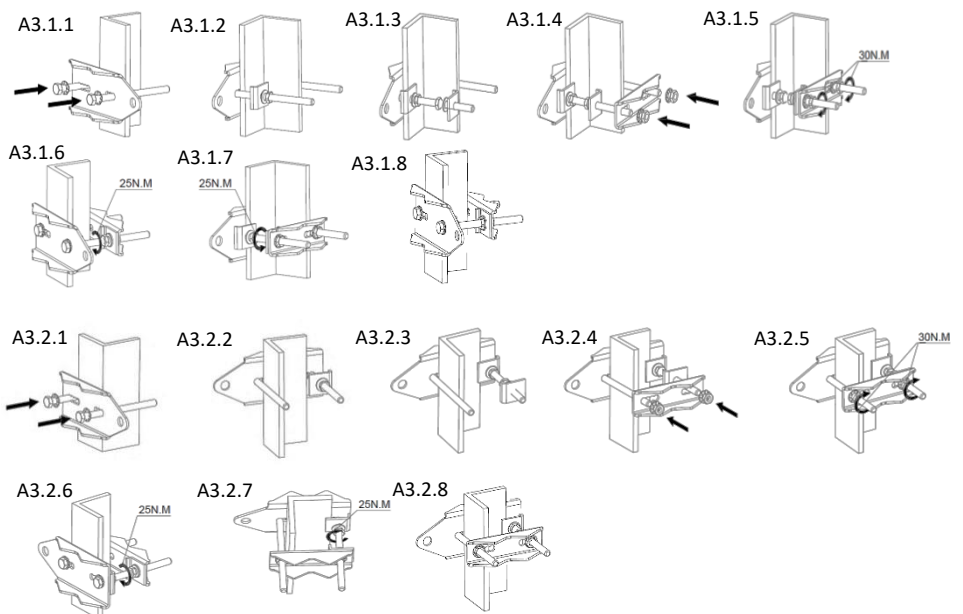
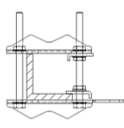


2/ Estrutura T



1 x chave dinamométrica de 17 para verificar os binários de aperto

3/ Estrutura L

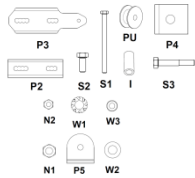


1 x chave dinamométrica de 17 para verificar os binários de aperto

## GUIA DE MONTAGEM B

# AN802/MONTAGEM

### Elementos que constituem o AN802



- 1 x P3: Placa de fixação
- 1 x P2: Placa de ancoragem
- 2 x P4: Pequena placa de ancoragem
- 1 x P5: Chapa mola
- 2 x S1: Cavilha M12 x 160mm
- 1 x S2: Cavilha M8 x 20mm
- 1 x S3: Cavilha M8x45mm
- 4 x W1: Anilha auto-bloqueadora D12
- 4 x W2: Anilha D12
- 6 x N1: Porca M12

### Ferramentas para a instalação

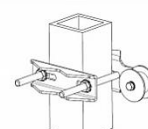
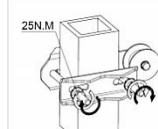
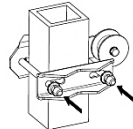
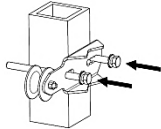
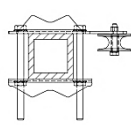
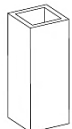


- 1 x chave de 13
- 1 x chave de 19
- 1 x chave dinamométrica de 19
- 1 x chave Allen de 6

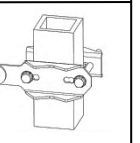
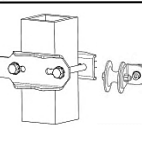
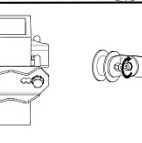
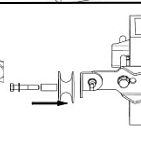
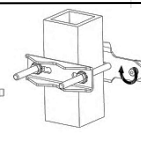
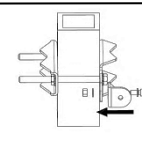
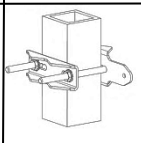
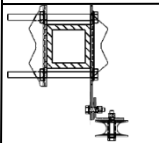
### Recomendações

- Procedimento idêntico ao AN801UNI alto
- É imprescindível seguir com cuidado a montagem recomendada para cada tipo de estrutura
- Todas as cavilhas/porcas devem ser fixas com o auxílio de uma chave dinamométrica, com vista a garantir o binário de aperto.
- Poderá utilizar cola de fixação forte para fixar as porcas.
- Para cada montagem, as placas de ancoragem P2 e P3 devem estar paralelas.
- Posicionar o ponto de ancoragem num local da estrutura, se possível por cima de um degrau, no âmbito de utilização sobre escada.

### 1/ Estrutura rectangular



1 x chave dinamométrica de 17 para verificar os binários de aperto

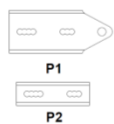


## GUIA DE MONTAGEM C

# AN801UNI/MONTAGEM - Fixação baixa

Para a instalação da fixação baixa NA801UNI, proceder do mesmo modo que para a ancoragem alta AN801UNI

### Elementos que constituem o AN801UNI



- 1 x P1: Placa de ancoragem 1
- 1 x P2: Placa de ancoragem 2
- 2 x S1: Cavilha 12 x160mm
- 4 x W1: Anilhas auto-bloqueadoras D12
- 4 x W2: Anilha D12
- 6 x N1: Porca M12

### Ferramentas para a instalação



- 1 x chave de 19
- 1 x chave dinamométrica de 19

1 x chave dinamométrica de 17 para verificar os binários de aperto

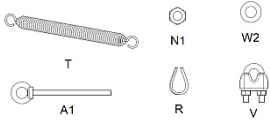
### Recomendações

- Procedimento idêntico à ancoragem alta AN801UNI
- É imprescindível seguir com cuidado a montagem recomendada para cada tipo de estrutura
- Todas as cavilhas/porcas devem ser fixas com o auxílio de uma chave dinamométrica, com vista a garantir o binário de aperto.
- Poderá utilizar cola de fixação forte para fixar as porcas.
- Para cada montagem, as placas de ancoragem 1 e 2 devem estar paralelas.
- Posicionar o ponto de ancoragem num local da estrutura, se possível por cima de um degrau, no âmbito de utilização sobre escada.



## AN801TEN/MONTAGEM

### Elementos que constituem o sistema de tensão



P6 : Placa de posicionamento da haste  
 1 x T : Mola de tensão  
 2 x N1 : Porca M12  
 1 x A1 : Parafuso de ancoragem M12  
 1 x W2 : Anilha D12  
 2 x V : Mandíbulas de cabo  
 1 x R : Guarda-cabos de coração

### Ferramentas para a instalação



1 x chave de 13  
 1 x chave de 17  
 2 x chave de 19  
 1 x tenazes  
 1 x fita adesiva

1 x chave dinamométrica de 17  
 para verificar os binários de aperto

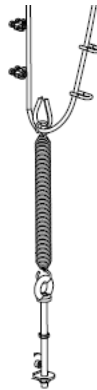
### Recomendações

- Todas as cavilhas/porcas devem ser fixas com o auxílio de uma chave dinamométrica, com vista a garantir o binário de aperto.
- Poderá utilizar cola de fixação forte para fixar as porcas.
- Proceder ao posicionamento do sistema de tensão AN801TEN sobre a fixação inferior AN801UNI já posicionada.
- A placa de posicionamento da haste de tensão da mola T deve ser fixa à fixação inferior AN801UNI, com o auxílio dos elementos cavilha M16 e porca M16.

### Instalação do sistema de tensão



Dar 4 voltas



Parafusos das mandíbulas de cabo,  
lado extremidade activa

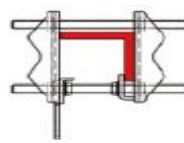
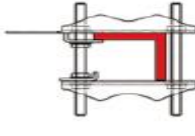
30 daN

EXEMPLO DE UTILIZAÇÃO (para produtos padrão)

Les supports en L:

L1max=160mm

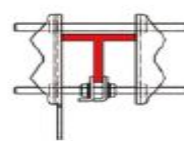
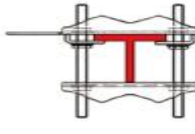
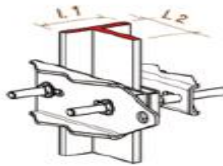
L2max=94mm



Les supports en T:

L1max=160mm

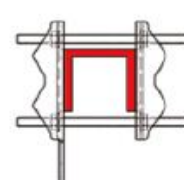
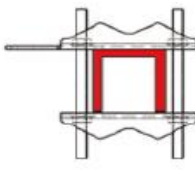
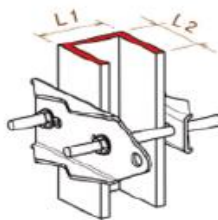
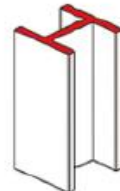
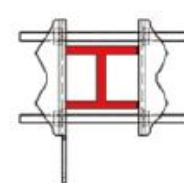
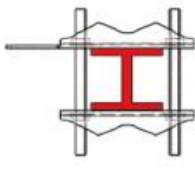
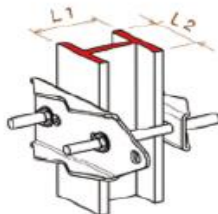
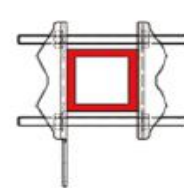
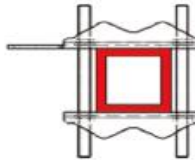
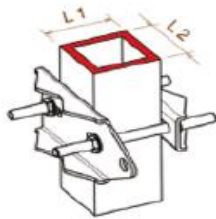
L2max=94mm



Les supports Rectangulaires:

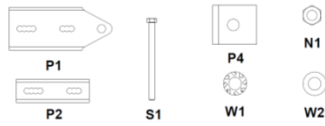
L1max=160mm

L2max=94mm



# AN801UNI/MONTAGE - Hoge bevestiging

## Elementen waaruit AN801UNI bestaat



- 1 x P1: Bevestigingsplaatje 1
- 1 x P2: Bevestigingsplaatje 2
- 2 x S1: Bout 12 x160mm
- 4 x W1: Automatisch blokkerende sluitringen D12
- 4 x W2: Sluitring D12
- 6 x N1: Mutter M12

## Benodigheden voor de installatie

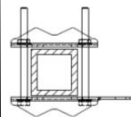


- 1 x sleutel van 19
- 1 x momentsleutel 19

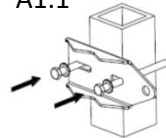
## Aanbevelingen

- Men moet zorgvuldig de manier van montage opvolgen die voor elk soort structuur wordt aanbevolen
- Alle bouten/moeren moeten worden aangedraaid met behulp van een momentsleutel om het spanmoment te waarborgen.
- Er kan sterke lijm worden gebruikt om de moeren vast te zetten.
- Bij elke montage moeten de bevestigingsplaatjes 1 en 2 parallel worden geplaatst.
- Plaats het bevestigingspunt op een veilige plek op de structuur, indien mogelijk net boven een sport bij gebruik op een ladder

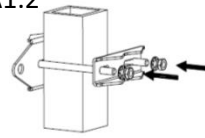
### 1/ Rechthoekige structuur



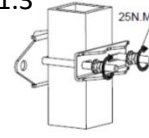
A1.1



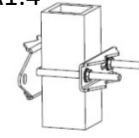
A1.2



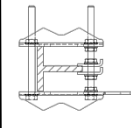
A1.3



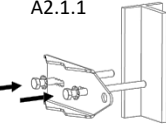
A1.4



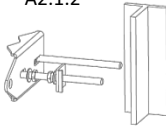
### 2/ T-structuur



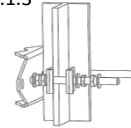
A2.1.1



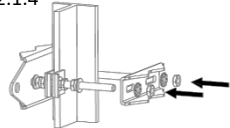
A2.1.2



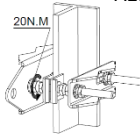
A2.1.3



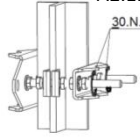
A2.1.4



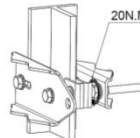
A2.1.5



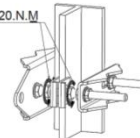
A2.1.6



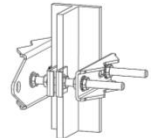
A2.1.7



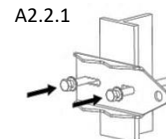
A2.1.8



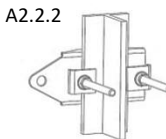
A2.1.9



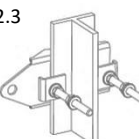
A2.2.1



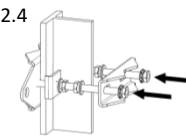
A2.2.2



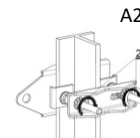
A2.2.3



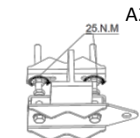
A2.2.4



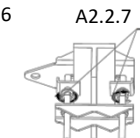
A2.2.5



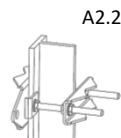
A2.2.6



A2.2.7

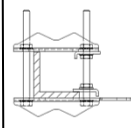


A2.2.8

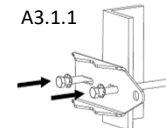


1 x momentsleutel 17 om de spanmomenten te controleren

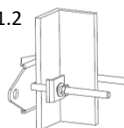
### 3/ L-structuur



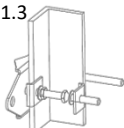
A3.1.1



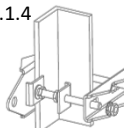
A3.1.2



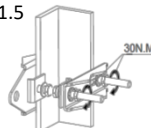
A3.1.3



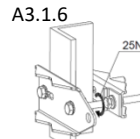
A3.1.4



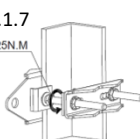
A3.1.5



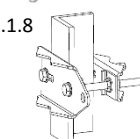
A3.1.6



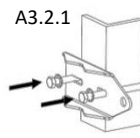
A3.1.7



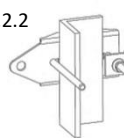
A3.1.8



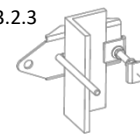
A3.2.1



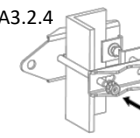
A3.2.2



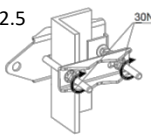
A3.2.3



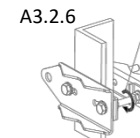
A3.2.4



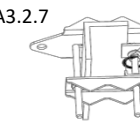
A3.2.5



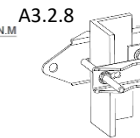
A3.2.6



A3.2.7



A3.2.8

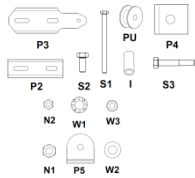


1 x momentsleutel 17 om de spanmomenten te controleren

**HANDLEIDING  
VOOR MONTAGE  
B**

**AN802/MONTAGE**

**Elementen waaruit AN802 bestaat**



- 1 x P3: Bevestigingsplaat
- 1 x P2: Bevestigingsplaatje
- 2 x P4: Klein bevestigingsplaatje
- 1 x P5: Veerplaat
- 2 x S1: Bout M12 x 160mm
- 1 x S2: Bout M8 x 20mm
- 1 x S3: Bout M8x45mm
- 4 x W1: Automatisch blokkerende sluitring D12
- 4 x W2: Sluitring D12
- 6 x N1: Mutter M12

**Benodigheden voor de installatie**

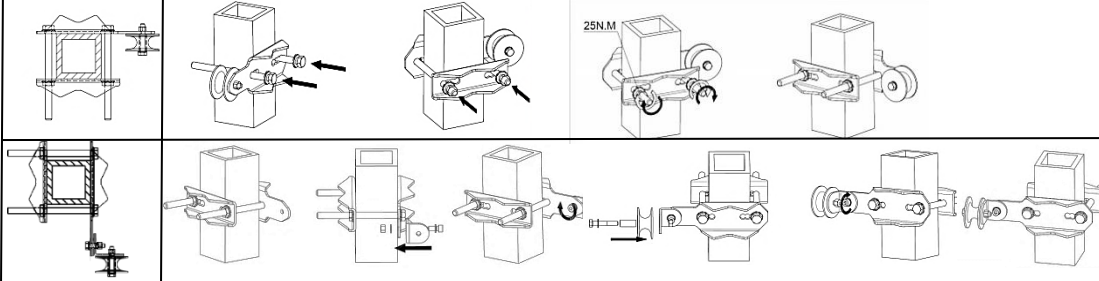


- 1 x sleutel van 13
- 1 x sleutel van 19
- 1 x momentsleutel 19
- 1 x inbussleutel maat 6

**Aanbevelingen**

- Zelfde procedure als voor AN801UNI hoog
- Men moet zorgvuldig de manier van montage opvolgen die voor elk soort structuur wordt aanbevolen
- Ie bouten/moeren moeten worden aangedraaid met behulp van een momentsleutel om het spanmoment te waarborgen.
- Er kan sterke lijm worden gebruikt om de moeren vast te zetten.
- Bij elke montage moeten de bevestigingsplaatjes P2 en P3 parallel worden geplaatst.
- Plaats het bevestigingspunt op een veilige plek op de structuur, indien mogelijk net boven een sport bij gebruik op een ladder

**1/ Rechthoekige structuur**



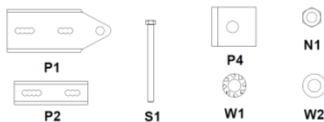
1 x momentsleutel 17 om de spanmomenten te controleren

**HANDLEIDING  
VOOR MONTAGE  
C**

**AN801UNI/MONTAGE - Lage bevestiging**

Ga voor de installatie van de lage bevestiging AN801UNI op dezelfde manier te werk als voor de hoge bevestiging AN801UNI

**Elementen waaruit AN801UNI bestaat**



- 1 x P1: Bevestigingsplaatje 1
- 1 x P2: Bevestigingsplaatje 2
- 2 x S1: Bout 12 x160mm
- 4 x W1: Automatisch blokkerende sluitringen D12
- 4 x W2: Sluitring D12
- 6 x N1: Mutter M12

**Benodigheden voor de installatie**



- 1 x sleutel van 19
- 1 x momentsleutel 19

1 x momentsleutel 17 om de spanmomenten te controleren

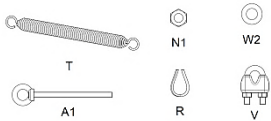
**Aanbevelingen**

- Zelfde procedure als voor de hoge bevestiging AN801UNI
- Men moet zorgvuldig de manier van montage opvolgen die voor elk soort structuur wordt aanbevolen
- Alle bouten/moeren moeten worden aangedraaid met behulp van een momentsleutel om het spanmoment te waarborgen.
- Er kan sterke lijm worden gebruikt om de moeren vast te zetten.
- Bij elke montage moeten de bevestigingsplaatjes 1 en 2 parallel worden geplaatst.
- Plaats het bevestigingspunt op een veilige plek op de structuur, indien mogelijk net boven een sport bij gebruik op een ladder

**HANDLEIDING  
VOOR  
MONTAGE D**

**AN801TEN/MONTAGE**

**Elementen waaruit het spaningssysteem bestaat**



- P6 : Positioneringsplaatje  
 1 x T : Spanveer  
 2 x N1 : Mutter M12  
 1 x A1 : Bevestigingsschroef M12  
 1 x W2: Sluitring D12  
 2 x V : Kabelklemmen  
 1 x R : Kabelkous

**Benodigheden voor de installatie**



- 1 x sleutel van 13  
 1 x sleutel van 17  
 2 x sleutel van 19  
 1 x tang  
 1 x tape

**Aanbevelingen**

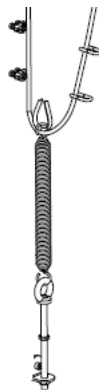
- Alle bouten/moeren moeten worden aangedraaid met behulp van een momentsleutel om het spanmoment te waarborgen.
- Er kan sterke lijm worden gebruikt om de moeren vast te zetten.
- Ga over tot de instelling van het systeem voor het onder spanning zetten AN801TEN op de bevestiging onderaan AN801UNI die al op zijn plek zit.
- Het positioneringsplaatje P6 van het stuk van de veer waar de spanning op staat moet worden bevestigd aan de bevestiging onderaan AN801UNI met behulp van de elementen bout M16 en moer M16.

1 x momentsleutel 17 om de spanmomenten te controleren

**Installatie van het spaningssysteem**



4 keer  
ronddraaien



Schroeven van de kabelklemmen aan de kant waar de lading aan moet komen

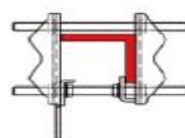
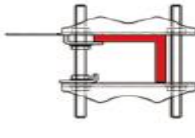
30 daN

VOORBEELD VAN GEBRUIK (voor standaardproducten)

Les supports en L:

L1max=160mm

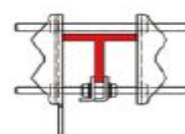
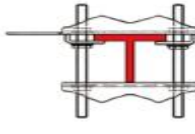
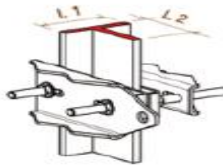
L2max=94mm



Les supports en T:

L1max=160mm

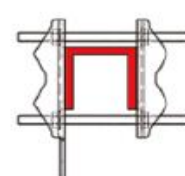
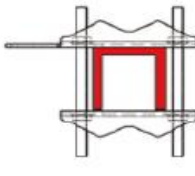
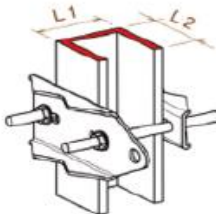
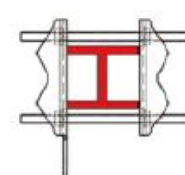
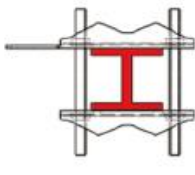
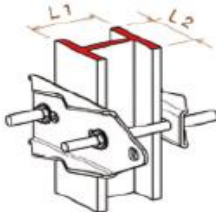
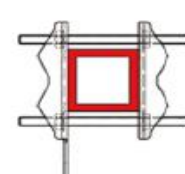
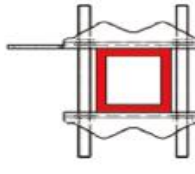
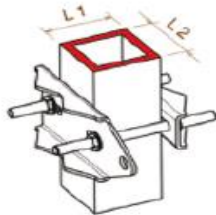
L2max=94mm



Les supports Rectangulaires:

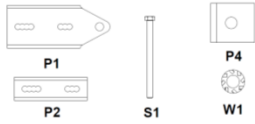
L1max=160mm

L2max=94mm



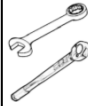
# AN801UNI/MONTAGE - Obere Verankerung

Komponenten von AN801UNI



- 1 x P1: Fixierungsplatte 1
- 1 x P2: Fixierungsplatte 2
- 2 x S1: Bolzen 12 x160mm
- 4 x W1: Selbstblockierende Unterlegscheiben D12
- 4 x W2: Unterlegscheibe D12
- 6 x N1: Nut M12

Montagewerkzeug

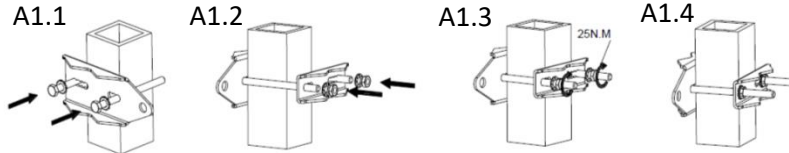
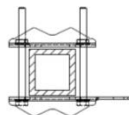


- 1 x Kantschlüssel 19
- 1 x Drehmomentschlüssel 19

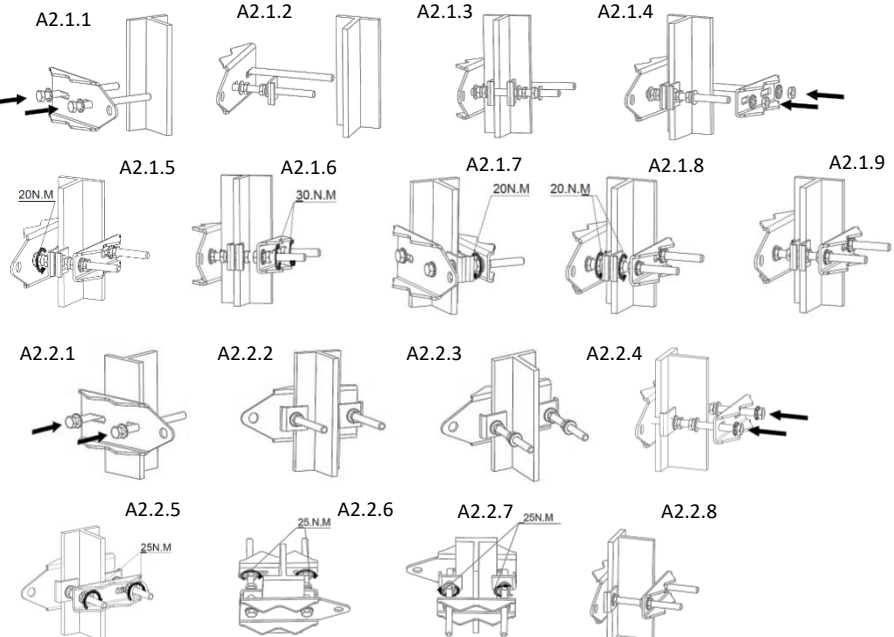
Empfehlungen

- Es ist zwingen notwendig, für jeden Strukturtyp die vorgeschriebene Montage zu beachten
- Zur Sicherstellung des Anzugsmoments müssen alle Bolzen/Muttern mit einem Drehmomentschlüssel angezogen werden.
- Zur Fixierung der Muttern kann Sekundenkleber eingesetzt werden.
- Die Fixierungsplatten 1 und 2 müssen bei jeder Montage parallel zueinander ausgerichtet werden.
- Positionieren Sie den Anschlagpunkt auf der Struktur – bei einer Leiteranwendung wenn möglich genau über einer Strebe

1/ Rechteckige Struktur

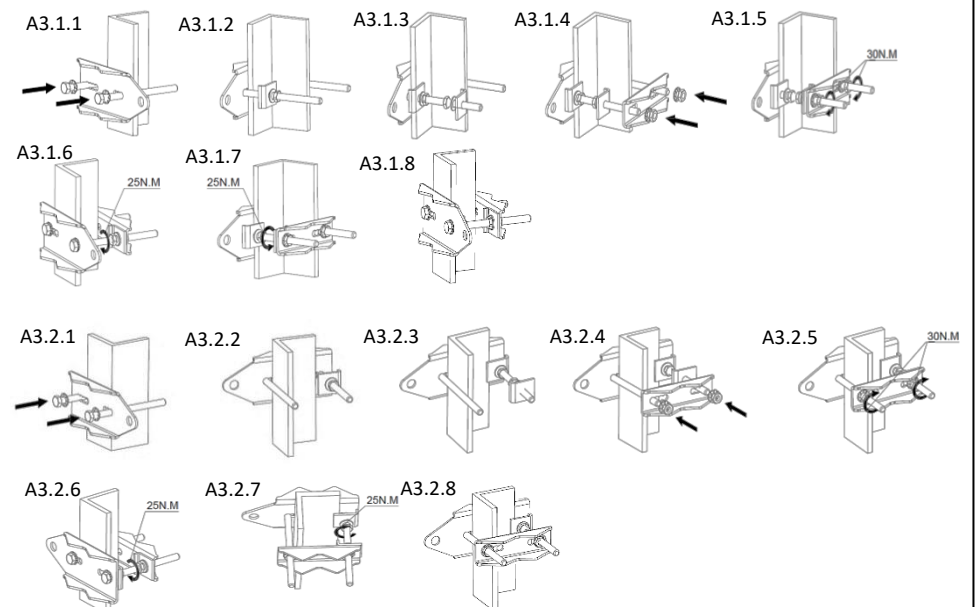


2/ T-Struktur



1 x Drehmomentschlüssel 17 zur Überprüfung des Anzugsmoments

3/ L-Struktur



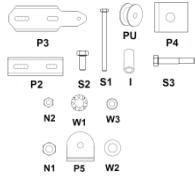
1 x Drehmomentschlüssel 17 zur Überprüfung des Anzugsmoments



# MONTAGEANLEITUNG B

## AN802/ MONTAGE

### Komponenten von AN802



- 1 x P3: Ankerplatte
- 1 x P2: Fixierungsplatte
- 2 x P4: Kleine Fixierungsplatte
- 1 x P5: Federplatte
- 2 x S1: Bolzen M12 x 160mm
- 1 x S2: Bolzen M8 x 20mm
- 1 x S3: Bolzen M8x45mm
- 4 x W1: Selbstblockierende Unterlegscheibe D12
- 4 x W2: Unterlegscheibe D12
- 6 x N1: Nut M12

### Montagewerkzeug

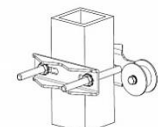
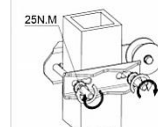
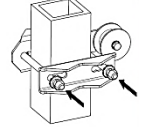
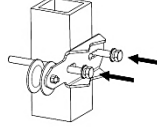
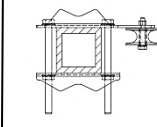


- 1 x Kantschlüssel 13
- 1 x Kantschlüssel 19
- 1x Drehmomentschlüssel 19
- 1 x Sechskantschlüssel 6

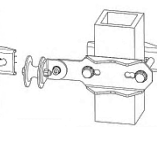
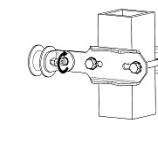
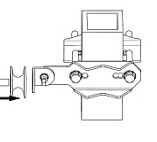
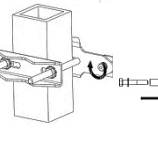
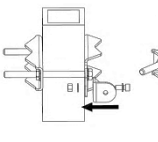
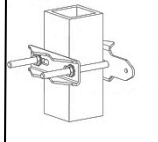
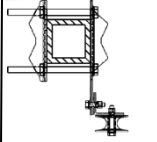
### Empfehlungen

- Gleiches Verfahren wie AN801UNI oben
- Es ist zwingen notwendig, für jeden Strukturtyp die vorgeschriebene Montage zu beachten
- Zur Sicherstellung des Anzugsmoments müssen alle Bolzen/Muttern mit einem Drehmomentschlüssel angezogen werden.
- Zur Fixierung der Muttern kann Sekundenkleber eingesetzt werden.
- Die Fixierungsplatten P2 und P3 müssen bei jeder Montag parallel zueinander ausgerichtet werden.
- Positionieren Sie den Anschlagpunkt auf der Struktur – bei einer Leiteranwendung wenn möglich genau über einer Strebe

### 1/ Rechteckige Struktur



1 x Drehmomentschlüssel 17 zur Überprüfung des Anzugsmoments

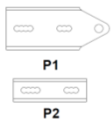


# MONTAGEANLEITUNG C

## AN801UNI/ MONTAGE - Untere Verankerung

Gehen Sie bei der Montage der unteren Befestigung AN801UNI genauso vor, wie bei der oberen Verankerung AN801UNI

### Komponenten von AN801UNI



- 1 x P1: Fixierungsplatte 1
- 1 x P2: Fixierungsplatte 2
- 2 x S1: Bolzen 12 x160mm
- 4 x W1: Selbstblockierende Unterlegscheiben D12
- 4 x W2: Unterlegscheibe D12
- 6 x N1: Nut M12

### Montagewerkzeug



- 1 x Kantschlüssel 19
- 1 x Drehmomentschlüssel 19

1 x Drehmomentschlüssel 17 zur Überprüfung des Anzugsmoments

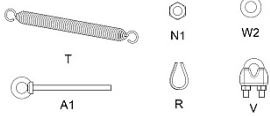
### Empfehlungen

- Gleiches Verfahren wie die obere Verankerung AN801UNI
- Es ist zwingen notwendig, für jeden Strukturtyp die vorgeschriebene Montage zu beachten
- Zur Sicherstellung des Anzugsmoments müssen alle Bolzen/Muttern mit einem Drehmomentschlüssel angezogen werden.
- Zur Fixierung der Muttern kann Sekundenkleber eingesetzt werden.
- Die Fixierungsplatten 1 und 2 müssen bei jeder Montage parallel zueinander ausgerichtet werden.
- Positionieren Sie den Anschlagpunkt auf der Struktur – bei einer Leiteranwendung wenn möglich genau über einer Strebe

# MONTAGEANLEITUNG D

## AN801TEN/MONTAGE

### Komponenten des Spannsystems



P6 : Fixierungsplatte der Spannange  
 1 x T : Spannfeder  
 2 x N1 : Nut M12  
 1 x A1 : Vis d'ancrage M12  
 1 x W2: Unterlegscheibe D12  
 2 x V : Kabelklemmen  
 1 x R : Kabelschuh

### Montagewerkzeug



1 x Kantschlüssel 13  
 1 x Kantschlüssel 17  
 2 x Kantschlüssel 19  
 1 x Beißzange  
 1 x Klebeband

### Empfehlunge

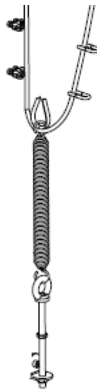
- Zur Sicherstellung des Anzugsmoments müssen alle Bolzen/Muttern mit einem Drehmomentschlüssel angezogen werden.
- Zur Fixierung der Muttern kann Sekundenkleber eingesetzt werden.
- Bringen Sie das Spannsystem AN801TEN an der bereits positionierten unteren Befestigung AN801UNI an.
- Die Fixierungsplatte P6 der Spannange der Feder T muss mithilfe der Bolzen M16 und Muttern M16 mit der unteren Befestigung AN801UNI verbunden werden.

1 x Drehmomentschlüssel 17 zur Überprüfung des Anzugsmoments

### Montage des Spannsystems



4 Umdrehungen



Kabelklemmschrauben auf der Seite des aktiven Kabelstrangs

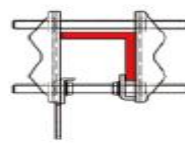
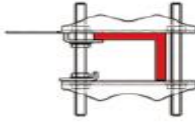
30 daN

## VERWENDUNGSBEISPIEL (für Standardprodukte)

Les supports en L:

L1max=160mm

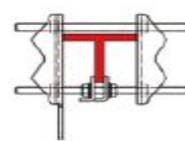
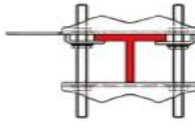
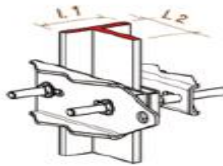
L2max=94mm



Les supports en T:

L1max=160mm

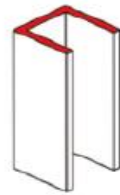
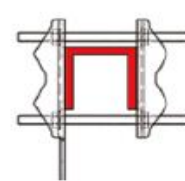
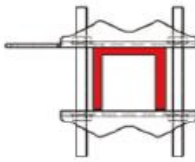
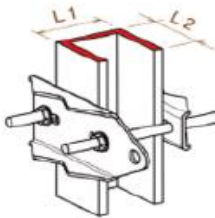
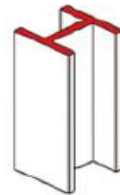
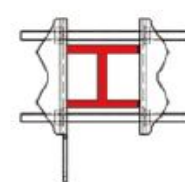
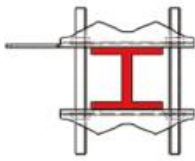
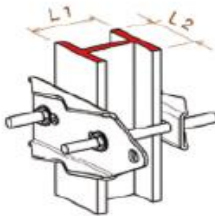
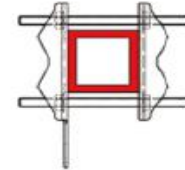
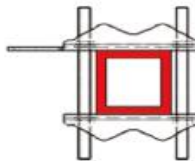
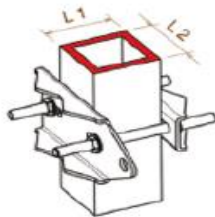
L2max=94mm



Les supports Rectangulaires:

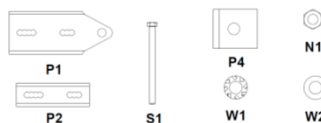
L1max=160mm

L2max=94mm



# AN801UNI/MONTAŻ - Górne zakotwienie

## Elementy składowe AN801UNI



- 1 x P1: Płytki zakotwiczenia 1
- 1 x P2: Płytki zakotwiczenia 2
- 2 x S1: Śruba 12 x 160mm
- 4 x W1: Podkładki samoblokujące D12
- 4 x W2: Podkładka D12
- 6 x N1: Nakrętka M12

## Narzędzia do instalacji

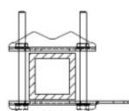


- 1 x Klucz 19
- 1 x Klucza dynamometrycznego 19

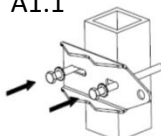
## Zalecenia

- Należy koniecznie postępować zgodnie z procedurą montażu zalecaną dla danego typu struktury nośnej
- Wszystkie nakrętki/śruby powinny być przykręcane za pomocą klucza dynamometrycznego, by zapewnić odpowiedni moment dokręcenia.
- ożna użyć mocnego kleju, by przymocować nakrętki.
- Przy każdym montażu, płytki zakotwiczenia 1 i 2 muszą być równoległe.
- Ustawić punkt zakotwienia w miejscu na strukturze, w razie możliwości tuż ponad drążkiem w razie użytkowania na drabinie

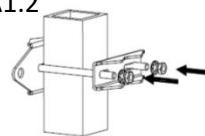
### 1/ Struktura prostokątna



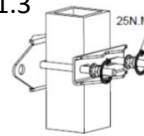
#### A1.1



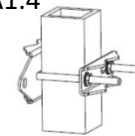
#### A1.2



#### A1.3



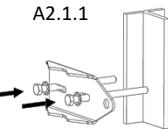
#### A1.4



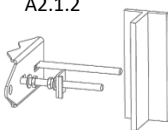
### 2/ Struktura T



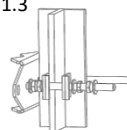
#### A2.1.1



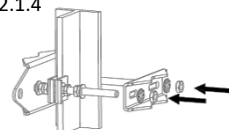
#### A2.1.2



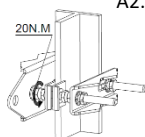
#### A2.1.3



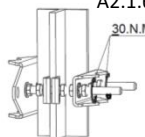
#### A2.1.4



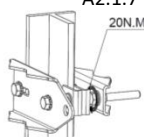
#### A2.1.5



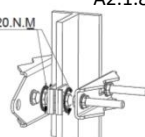
#### A2.1.6



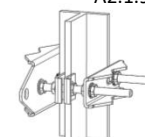
#### A2.1.7



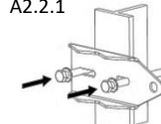
#### A2.1.8



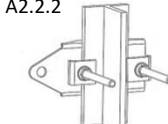
#### A2.1.9



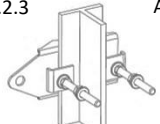
#### A2.2.1



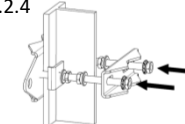
#### A2.2.2



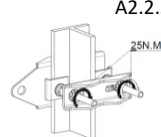
#### A2.2.3



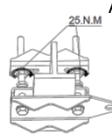
#### A2.2.4



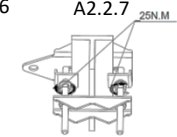
#### A2.2.5



#### A2.2.6



#### A2.2.7



#### A2.2.8

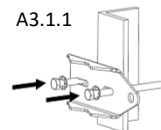


1 x Klucza dynamometrycznego 17 do celu sprawdzenia momentu dokręcenia

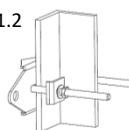
### 3/ Struktura L



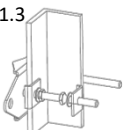
#### A3.1.1



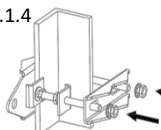
#### A3.1.2



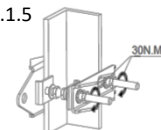
#### A3.1.3



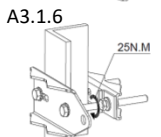
#### A3.1.4



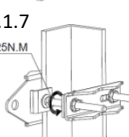
#### A3.1.5



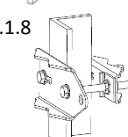
#### A3.1.6



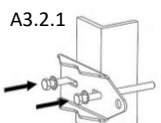
#### A3.1.7



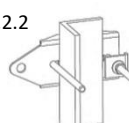
#### A3.1.8



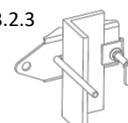
#### A3.2.1



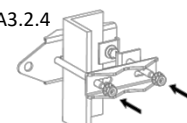
#### A3.2.2



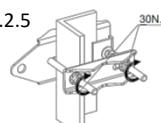
#### A3.2.3



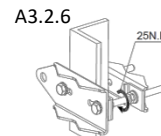
#### A3.2.4



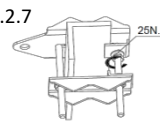
#### A3.2.5



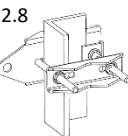
#### A3.2.6



#### A3.2.7



#### A3.2.8

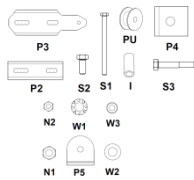


1 x Klucza dynamometrycznego 17 do celu sprawdzenia momentu dokręcenia

**PRZEWODNIK  
MONTAŻOWY  
B**

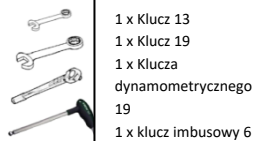
**AN802/MONTAŻ**

**Elementy składowe AN802**



- 1 x P3: Płyta mocująca
- 1 x P2: Płyta zakotwiczenia
- 2 x P4: Mała płyta zakotwiczenia
- 1 x P5: Płyta sprężyny
- 2 x S1: Śruba M12 x 160mm
- 1 x S2: Śruba M8 x 20mm
- 1 x S3: Śruba M8x45mm
- 4 x W1: Podkładka samoblokująca D12
- 4 x W2: Podkładka D12
- 6 x N1: Nakrętka M12

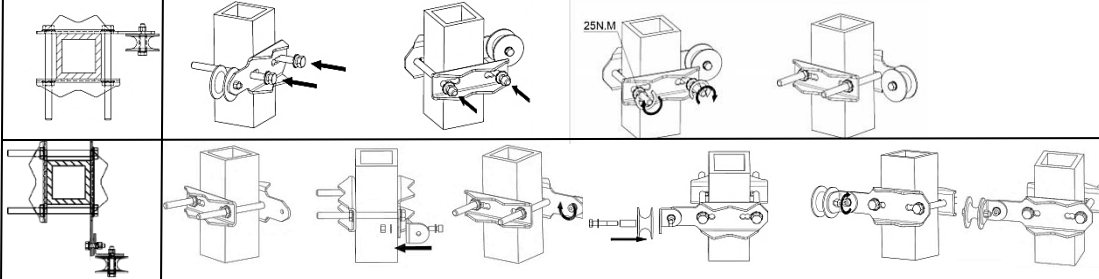
**Narzędzia do instalacji**



**Zalecenia**

- Identyczna procedura w przypadku AN801UNI górnego
- Należy koniecznie postępować zgodnie z procedurą montażu zalecaną dla danego typu struktury nośnej
- Wszystkie nakrętki/śruby powinny być przykręcane za pomocą klucza dynamometrycznego, by zapewnić odpowiedni moment dokręcenia.
- Można użyć mocnego kleju, by przymocować nakrętki.
- Przy każdym montażu, płytki zakotwiczenia P1 i P3 muszą być równoległe.
- Ustawić punkt zakotwienia w miejscu na strukturze, w razie możliwości tuż ponad drążkiem w razie użytkowania na drabinie

**1/ Struktura prostokątna**



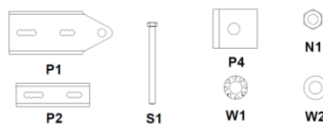
1 x Klucza dynamometrycznego 17 do celu sprawdzenia momentu dokręcenia

**PRZEWODNIK  
MONTAŻOWY  
C**

**AN801UNI/MONTAŻ - Mocowanie dolne**

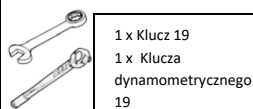
W celu instalacji mocowania dolnego AN801UNI, należy postępować analogicznie jak w przypadku zakotwienia górnego

**Elementy składowe AN801UNI**



- 1 x P1: Płytkę zakotwiczenia 1
- 1 x P2: Płytkę zakotwiczenia 2
- 2 x S1: Śruba 12 x160mm
- 4 x W1: Podkładki samoblokujące D12
- 4 x W2: Podkładka D12
- 6 x N1: Nakrętka M12

**Narzędzia do instalacji**



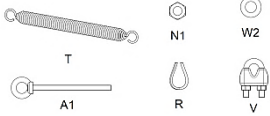
1 x Klucza dynamometrycznego 17 do celu sprawdzenia momentu dokręcenia

**Zalecenia**

- Identyczna procedura w przypadku górnego zakotwienia AN801UNI
- Należy koniecznie postępować zgodnie z procedurą montażu zalecaną dla danego typu struktury nośnej
- Wszystkie nakrętki/śruby powinny być przykręcane za pomocą klucza dynamometrycznego, by zapewnić odpowiedni moment dokręcenia.
- Można użyć mocnego kleju, by przymocować nakrętki.
- Przy każdym montażu, płytki zakotwiczenia 1 i 2 muszą być równoległe.
- Ustawić punkt zakotwienia w miejscu na strukturze, w razie możliwości tuż ponad drążkiem w razie użytkowania na drabinie

## AN801TEN/MONTAŻ

### Elementy składowe systemu naprężania



#### P6 : Narzędzia do instalacji

- 1 x T : Sprężyna naprężająca
- 2 x N1 : Nakrętka M12
- 1 x A1 : Śruba zakotwienia M12
- 1 x W2: Podkładka D12
- 2 x V : Zaciski
- 1 x R : Sercówka

### Narzędzia do instalacji



- 1 x Klucz 13
- 1 x Klucz 17
- 2 x Klucz 19
- 1 x obcęgi
- 1 x taśma samoprzylepna

### Zalecenia

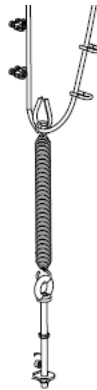
- Wszystkie nakrętki/ śruby powinny być przykręcane za pomocą klucza dynamometrycznego, by zapewnić odpowiedni moment dokręcenia.
- Można użyć mocnego kleju, by przymocować nakrętki.
- Przeprowadzić ustawienie systemu naprężania AN801TEN na mocowaniu dolnym AN801UNI będącym już na miejscu.
- Płytkę ustawiania P6 pręta naprężania sprężyny T musi być przymocowania do mocowania dolnego AN801UNI za pomocą śruby M16 i nakrętki M16.

1 x Klucza dynamometrycznego 17 do celu sprawdzenia momentu dokręcenia

### Instalacja systemu naprężania



Wykonać 4 obroty



Śruba zacisków od strony wiązki aktywnej

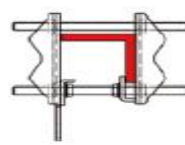
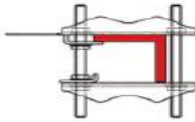
30 daN

PRZYKŁAD UŻYTKOWANIA (w przypadku standardowych produktów)

Les supports en L:

L1max=160mm

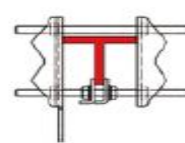
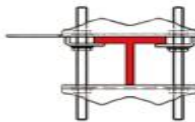
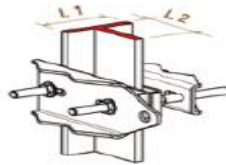
L2max=94mm



Les supports en T:

L1max=160mm

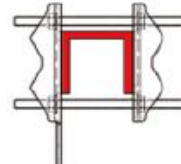
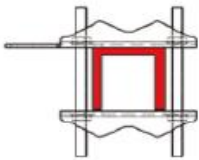
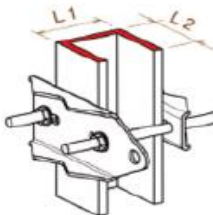
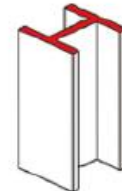
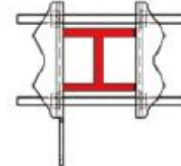
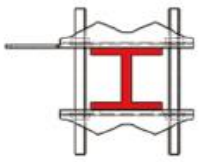
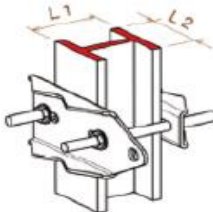
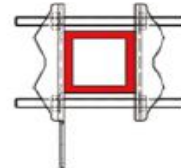
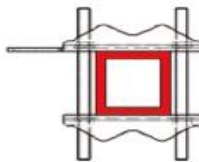
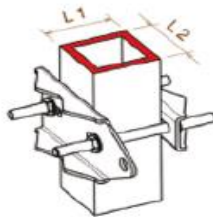
L2max=94mm



Les supports Rectangulaires:

L1max=160mm

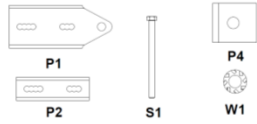
L2max=94mm





# AN801UNI/ΣΥΝΑΡΜΟΛΟΓΗΣΗ - ΑΝΩ ΑΓΚΥΡΩΣΗ

## Εξαρτήματα του AN801UNI



- 1 x P1: Πλάκα αγκυροβόλησης 1
- 1 x P2: Πλάκα αγκυροβόλησης 2
- 2 x S1: Μπουλόνι 12 x160mm
- 4 x W1: Ροδέλες αυτόματου μπλοκαρίσματος D12
- 4 x W2: ροδέλα D12
- 6 x N1: παξιμάδι M12

## Εργαλεία για εγκατάσταση

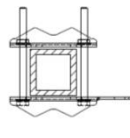


- 1 x κλειδί των 19
- 1 x δυναμομετρικό κλειδί 19

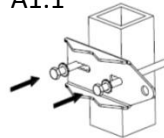
## Συστασιαί

- Είναι αναγκαίο να ακολουθήσετε την ένδειξη για εγκατάσταση σύμφωνα με το προφίλ της δομής σας.
- Όλα τα μπουλόνια και όλες οι βίδες πρέπει να βιδώνονται με ροπήκλειδο έτσι ώστε να εξασφαλίζεται η ένταση της σύσφιξης.
- Κόλλα συγκράτησης για βίδες μπορεί επίσης να χρησιμοποιηθεί για τα παξιμάδια.
- Οι πλάκες P1 και P2 πρέπει να είναι παράλληλες σε κάθε περίπτωση.
- Είναι καλύτερο να τοποθετηθεί το σημείο αγκύρωσης στην πλησιέστερη από τη δομή θέση .

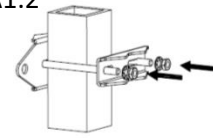
### 1/ Ορθογωνική δομή



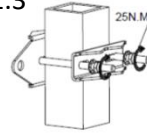
A1.1



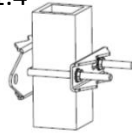
A1.2



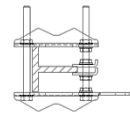
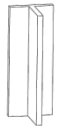
A1.3



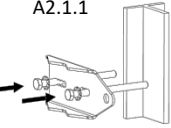
A1.4



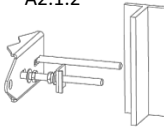
### 2/ Δομή T



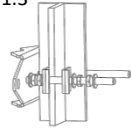
A2.1.1



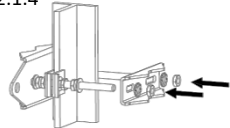
A2.1.2



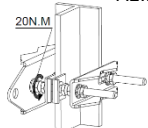
A2.1.3



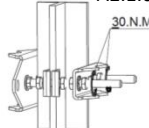
A2.1.4



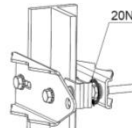
A2.1.5



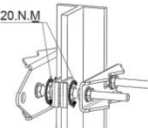
A2.1.6



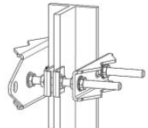
A2.1.7



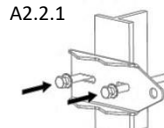
A2.1.8



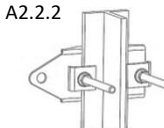
A2.1.9



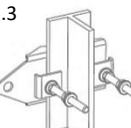
A2.2.1



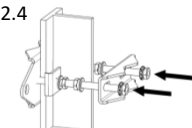
A2.2.2



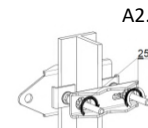
A2.2.3



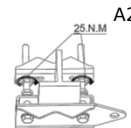
A2.2.4



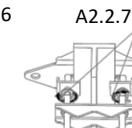
A2.2.5



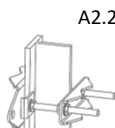
A2.2.6



A2.2.7

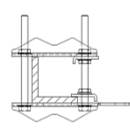


A2.2.8

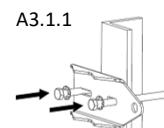


1 x δυναμομετρικό κλειδί 17 για επαλήθευση των ζευγών σύσφιξης

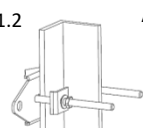
### 3/ Δομή L



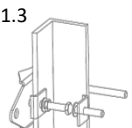
A3.1.1



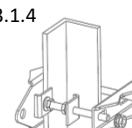
A3.1.2



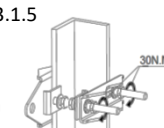
A3.1.3



A3.1.4



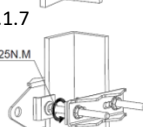
A3.1.5



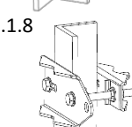
A3.1.6



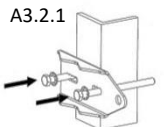
A3.1.7



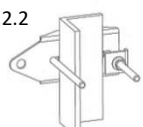
A3.1.8



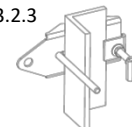
A3.2.1



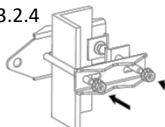
A3.2.2



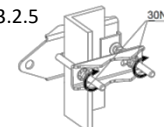
A3.2.3



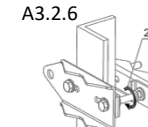
A3.2.4



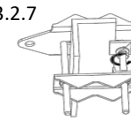
A3.2.5



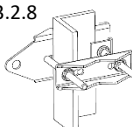
A3.2.6



A3.2.7



A3.2.8

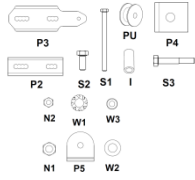


1 x δυναμομετρικό κλειδί 17 για επαλήθευση των ζευγών σύσφιξης

ΟΔΗΓΟΣ  
ΣΥΝΑΡΜΟΛΟΓΗΣΗΣ  
B

# AN802/ΣΥΝΑΡΜΟΛΟΓΗΣΗ

Εξαρτήματα του AN802



- 1 x P3: Πλάκα σταθεροποίησης
- 1 x P2: Πλάκα αγκύρωσης
- 2 x P4: Μικρή πλάκα αγκύρωσης
- 1 x P5: Πλάκα για ελατήριο
- 2 x S1: Μπουλόνι M12 x 160mm
- 1 x S2: Μπουλόνι M8 x 20mm
- 1 x S3: Μπουλόνι M8x45mm
- 4 x W1: Ροδέλες αυτόματου μπλοκαρίσματος D12
- 4 x W2: ροδέλα D12
- 6 x N1: παξιμάδι M12

Εργαλεία για εγκατάσταση

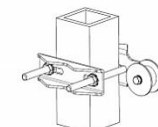
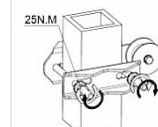
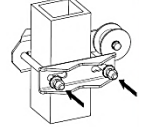
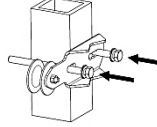
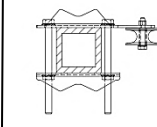


- 1 x κλειδί των 13
- 1 x κλειδί των 19
- 1 x δυναμομετρικό κλειδί 19
- 1 x κλειδί Allen μεγέθους 6

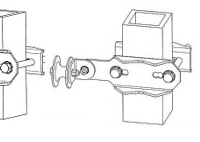
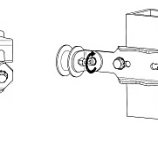
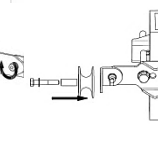
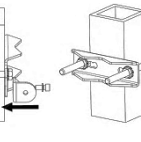
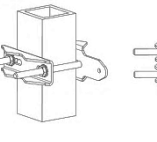
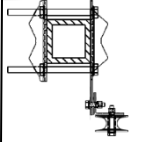
Συστασεις

- Κάντε την ίδια διαδικασία όπως και με την εγκατάσταση της άνω αγκύρωσης AN801UNI
- Είναι αναγκαίο να ακολουθήσετε την ένδειξη για εγκατάσταση σύμφωνα με το προφίλ της δομής σας.
- Όλα τα μπουλόνια και όλες οι βίδες πρέπει να βιδώνονται με ροπόκλειδο έτσι ώστε να εξασφαλίζεται η ένταση της σύσφιξης.
- Κόλλα συγκράτησης για βίδες μπορεί επίσης να χρησιμοποιηθεί για τα παξιμάδια.
- Για κάθε συναρμολόγηση, οι πλάκες αγκύρωσης P1 και P2 πρέπει να είναι παράλληλες.
- Είναι καλύτερο να τοποθετηθεί το σημείο αγκύρωσης στην πλησιέστερη από τη δομή θέση .

1/ Ορθογωνική δομή



1 x δυναμομετρικό κλειδί 17 για επαλήθευση των ζευγών σύσφιξης

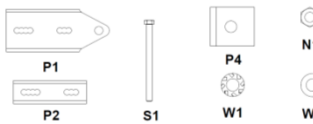


ΟΔΗΓΟΣ  
ΣΥΝΑΡΜΟΛΟΓΗΣΗΣ  
C

# AN801UNI/ΣΥΝΑΡΜΟΛΟΓΗΣΗ - ΧΑΜΗΛΗ ΑΓΚΥΡΩΣΗ

Ίδια διαδικασία για την εγκατάσταση AN801UNIάνω αγκύρωσης , για την εγκατάσταση AN801UNI χαμηλής αγκύρωσης.

Εξαρτήματα του συστήματος τάνσης για το AN801UNI



- 1 x P1: Τάνυση ελατηρίου 1
- 1 x P2: Τάνυση ελατηρίου 2
- 2 x S1: Μπουλόνι 12 x160mm
- 4 x W1: Ροδέλες αυτόματου μπλοκαρίσματος D12
- 4 x W2: ροδέλα D12
- 6 x N1: παξιμάδι M12

Εργαλεία για εγκατάσταση



- 1 x κλειδί των 19
- 1 x δυναμομετρικό κλειδί 19

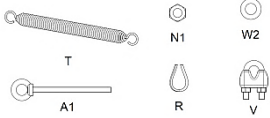
1 x δυναμομετρικό κλειδί 17 για επαλήθευση των ζευγών σύσφιξης

Συστασεις

- Ίδια διαδικασία εγκατάστασης με το AN801UNI
- Είναι αναγκαίο να ακολουθήσετε την ένδειξη για εγκατάσταση σύμφωνα με το προφίλ της δομής σας.
- Όλα τα μπουλόνια και όλες οι βίδες πρέπει να βιδώνονται με ροπόκλειδο έτσι ώστε να εξασφαλίζεται η ένταση της σύσφιξης.
- Κόλλα συγκράτησης για βίδες μπορεί επίσης να χρησιμοποιηθεί για τα παξιμάδια.
- Για κάθε συναρμολόγηση, οι πλάκες αγκύρωσης P1 και P2 πρέπει να είναι παράλληλες.
- Είναι καλύτερο να τοποθετηθεί το σημείο αγκύρωσης στην πλησιέστερη από τη δομή θέση .

## AN801TEN/ΣΥΝΑΡΜΟΛΟΓΗΣΗ

### Εξαρτήματα του συστήματος τάνσης



P6 : Εισάγετε ακίδα τοποθέτησης  
 1 x T : Τάνυση ελατηρίου  
 2 x N1 : παξιμάδι M12  
 1 x A1 : Βίδα αγκύρωσης M12  
 1 x W2 : ροδέλα D12  
 2 x V : Καλώδιο σφιγκτήρα  
 1 x R : Βρόχος χιτωνίου δαχτυλήθρας

### Εργαλεία για εγκατάσταση



1 x κλειδί των 13  
 1 x κλειδί των 17  
 2 x κλειδί των 19  
 1 x τανάλια  
 1 x συγκολλητική

1 x δυναμομετρικό κλειδί 17 για επαλήθευση των ζευγών σύσφιξης

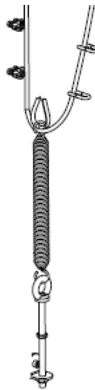
### Συστασιο

- Όλα τα μπουλόνια και όλες οι βίδες πρέπει να βιδώνονται με ροπόκλειδο έτσι ώστε να εξασφαλίζεται η ένταση της σύσφιξης.
- Κόλλα συγκράτησης για βίδες μπορεί επίσης να χρησιμοποιηθεί για τα παξιμάδια.
- Προχωρήστε στην τοποθέτηση του συστήματος τάνσης AN801TEN πάνω στη χαμηλή αγκύρωση AN801UNI που έχει ήδη μπει στη θέση της.
- η πλάκα τοποθέτησης P6 της ακίδας τάνσης για το ελατήριο T πρέπει να σταθεροποιηθεί πάνω στη χαμηλή αγκύρωση AN801UNI με σύσφιξη του μπουλονιού M16.

### Εγκατάσταση του συστήματος τάνσης



4 γύροι



Βίδες του καλωδίου σφιγκτήρα στην πλευρά του ενεργού καλωδίου

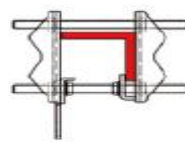
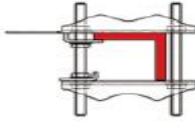
30 daN

ΠΑΡΑΔΕΙΓΜΑ ΧΡΗΣΗΣ (τυποποιημένων προϊόντων)

Les supports en L:

L1max=160mm

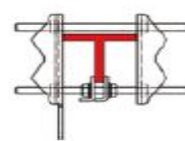
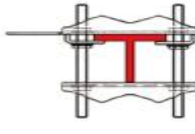
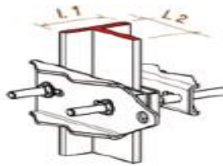
L2max=94mm



Les supports en T:

L1max=160mm

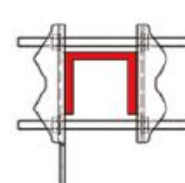
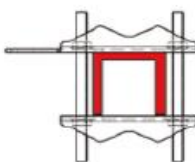
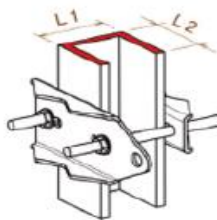
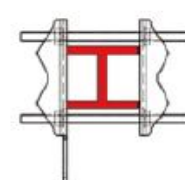
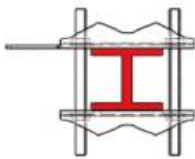
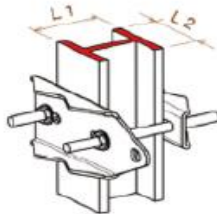
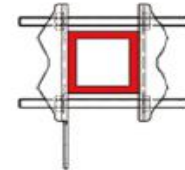
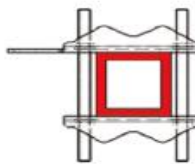
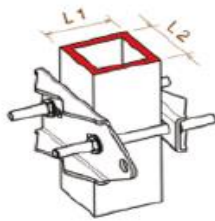
L2max=94mm



Les supports Rectangulaires:

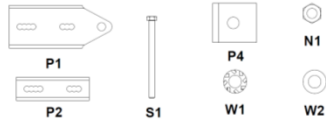
L1max=160mm

L2max=94mm



# AN801UNI/组装 - 高处锚固

AN801UNI 组成元件



- 1 x P1: 锚固板 1
- 1 x P2: 锚固板 2
- 2 x S1: 螺栓 12 x 160mm
- 4 x W1: 自锁垫圈 D12
- 4 x W2: 垫圈 D12
- 6 x N1: 螺母 M12

安装工具

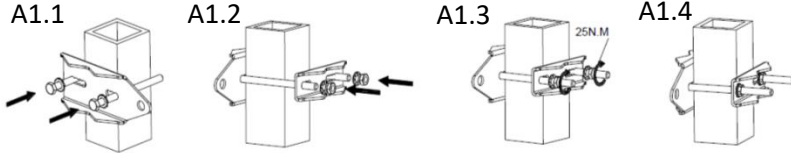
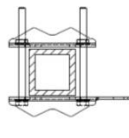


- 1 x 19 号扳手
- 1 x 19 号扭矩扳手

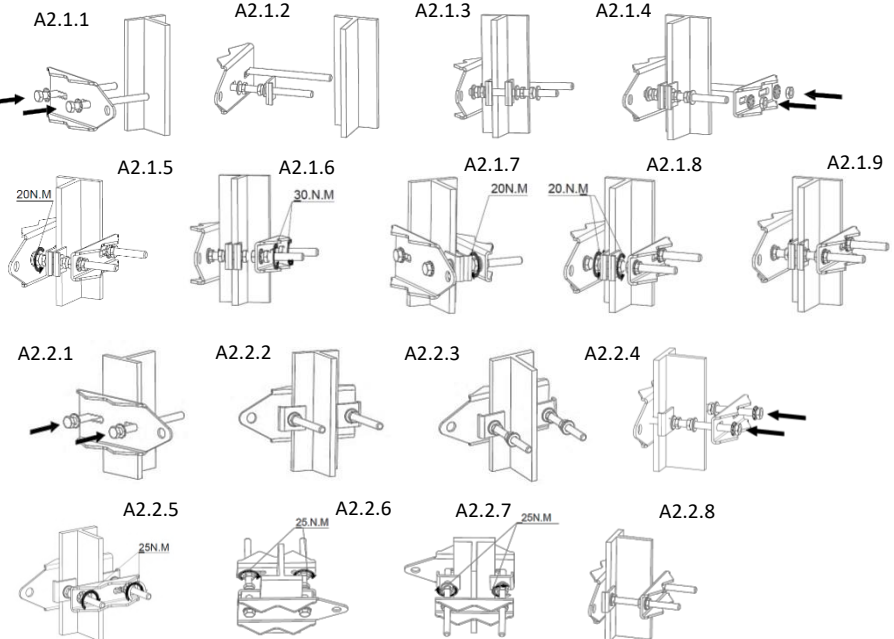
建议

- 必须认真遵循每一类型结构的安装建议
- 所有的螺栓/螺母必须用扭矩扳手拧紧以确保扭矩
- 可用于固定的螺母的强力胶。
- 对于每项装配，锚固板 1 和 2 必须是平行的。
- 对结构上一处位点的锚固点进行定位，在梯子上使用时，必要的话应略高于杠杆

1/矩形结构

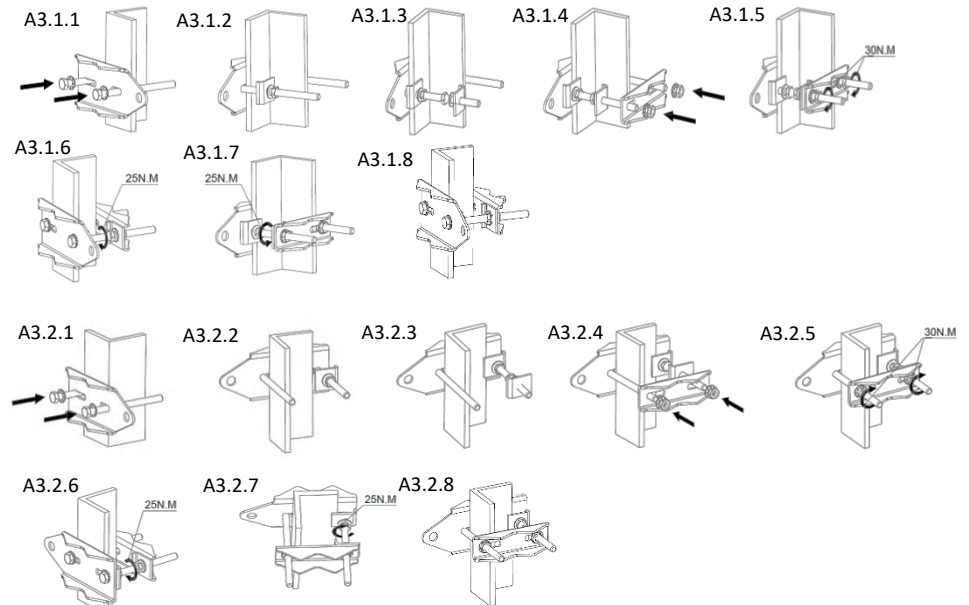


2/T 型结构



1 x 17 号扭矩扳手用于测量  
拧紧力矩

3/L 型结构



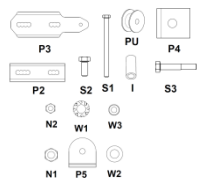
1 x 17 号扭矩扳手用于测量  
拧紧力矩

# 组装指南

B

## AN802/组装

### AN802 组成元件



- 1 x P3: 固定板
- 1 x P2: 锚固板
- 2 x P4: 小锚固板
- 1 x P5: 铂金弹簧
- 2 x S1: 螺栓 M12 x 160mm
- 1 x S2: 螺栓 M8 x 20mm
- 1 x S3: 螺栓 M8x45mm
- 4 x W1: 自锁垫圈 D12
- 4 x W2: 垫圈 D12
- 6 x N1: 螺母 M12

### 安装工具

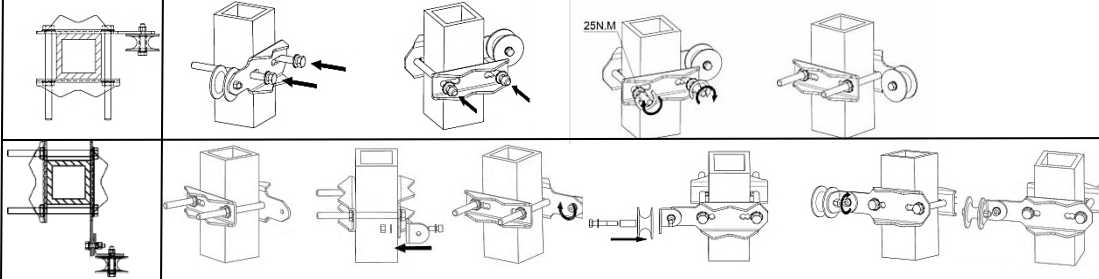


- 1 x 13 号扳手
- 1 x 19 号扳手
- 1 x 19 号扭矩扳手
- 1 x 6 号艾伦扳手

### 建议

- 与上部 AN801UNI 的程序相同
- 必须认真遵循每一类型结构的安装建议
- 所有的螺栓/螺母必须用扭矩扳手拧紧以确保扭矩。
- 可用于固定的螺母的强力胶。
- 对于每项装配，锚固板 P2 和 P3 必须是平行的。
- 对结构上一处位点的锚固点进行定位，在梯子上使用时，必要的话应略高于杠杆

### 1/矩形结构



1 x 17 号扭矩扳手用于测量  
拧紧力矩

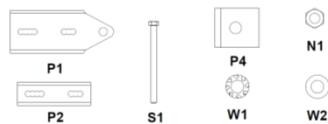
# 组装指南

C

## AN801UNI/组装 - 低处紧固

对于低处紧固件 AN801UNI 的安装，请采用对高处锚固 AN801UNI 的同样方式

### AN801UNI 组成元件



- 1 x P1: 锚固板 1
- 1 x P2: 锚固板 2
- 2 x S1: 螺栓 12 x 160mm
- 4 x W1: 自锁垫圈 D12
- 4 x W2: 垫圈 D12
- 6 x N1: 螺母 M12

### 安装工具



- 1 x 19 号扳手
- 1 x 19 号扭矩扳手

1 x 17 号扭矩扳手用于测量  
拧紧力矩

### 建议

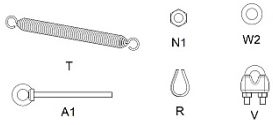
- 与高处锚固件 AN801UNI 的程序相同
- 必须认真遵循每一类型结构的安装建议
- 所有的螺栓/螺母必须用扭矩扳手拧紧以确保扭矩。
- 可用于固定的螺母的强力胶。
- 对于每项装配，锚固板 1 和 2 必须是平行的。
- 对结构上一处位点的锚固点进行定位，在梯子上使用时，必要的话应略高于杠杆

# 组装指南

D

## AN801TEN/组装

### 张紧系统的组成元件



- P6: 定位销插板
- 1 x T : 张紧弹簧
- 2 x N1 : 螺母 M12
- 1 x A1 : 锚固螺钉 M12
- 1 x W2: 垫圈 D12
- 2 x V : 绳索紧固夹
- 1 x R : 心形套管

### 安装工具



- 1 x 13 号扳手
- 1 x 17 号扳手
- 2 x 19 号扳手
- 1 x 钳子
- 1 x 胶带

1 x 17 号扭矩扳手用于测量拧紧力矩

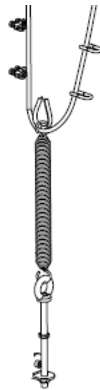
### 建议

- 所有的螺栓/螺母必须用扭矩扳手拧紧以确保扭矩。
- 可用于固定的螺母的强力胶。
- 在已就位下部紧固件 AN801UNI 上进行张紧系统 AN801TEN 的定位。
- 张紧弹簧 T 的定位销插板 P6 必须固定于下部紧固件 AN801UNI 上，通过使用螺栓 M16 和螺母 M16 完成。

### 张紧系统的安装



转 4 圈



绳索紧固螺钉的主动绞合边

30 daN

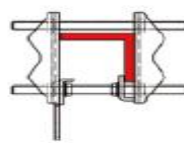
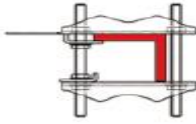


使用示例（针对标准产品）

Les supports en L:

L1max=160mm

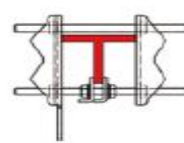
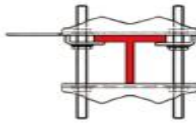
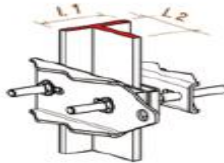
L2max=94mm



Les supports en T:

L1max=160mm

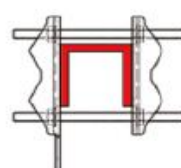
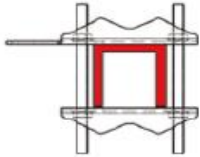
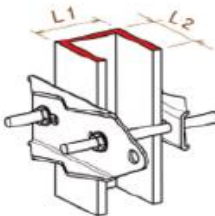
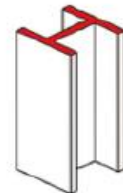
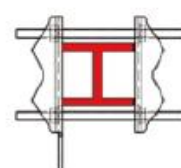
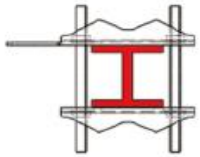
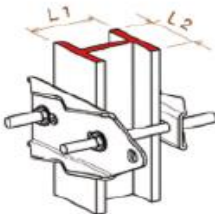
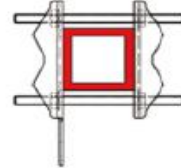
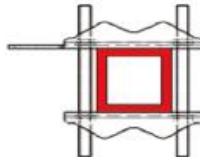
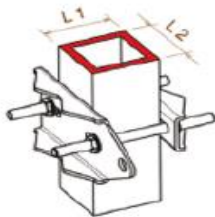
L2max=94mm



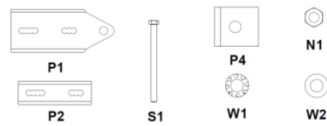
Les supports Rectangulaires:

L1max=160mm

L2max=94mm



## Součásti sady AN801UNI



- 1 x P1: Kotvicí deska 1
- 1 x P2: Kotvicí deska 2
- 2 x S1: Šroub 12 x160mm
- 4 x W1: Pojistná podložka D12
- 4 x W2: Podložka D12
- 6 x N1: Matice M12

## Nástroje potřebné k instalaci

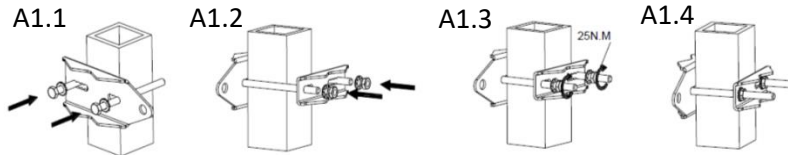
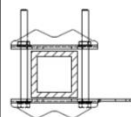


- 1 x klíč č. 19
- 1 x dynamometrického klíče č. 19

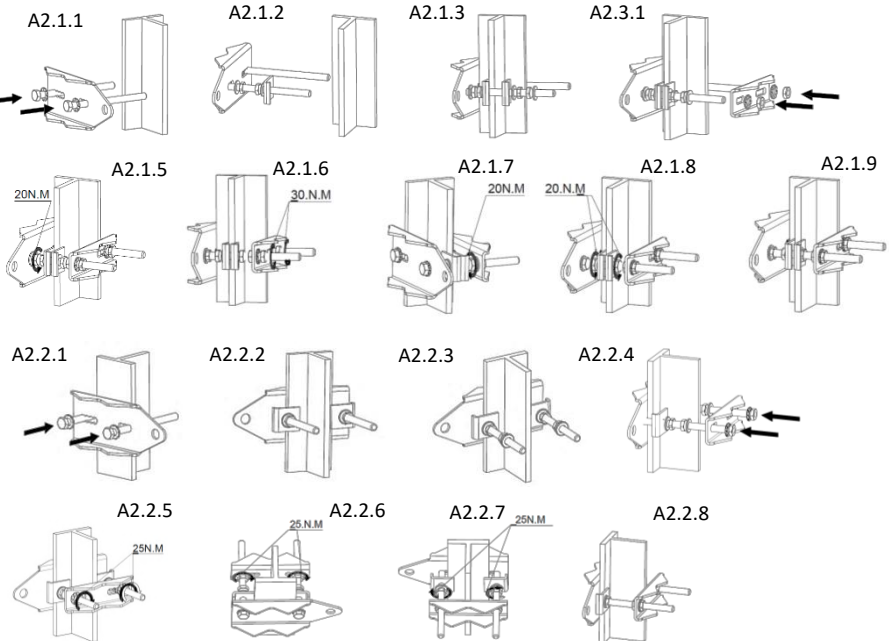
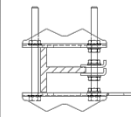
### Doporučení

- Vždy je bezpodmínečně nutné dodržet montážní postup pro daný typ konstrukce
- Všechny šrouby a matice je nutné utahovat momentovým klíčem, díky němuž se zajistí použití správného utahovacího momentu.
- K zajištění šroubových spojů lze použít vysokopevnostní lepidlo.
- V každé instalaci musejí být kotvicí desky 1 a 2 umístěny ve vzájemně rovnoběžné poloze.
- Kotvicí bod umístěte na vhodné místo na konstrukci, pokud možno přímo nad příčným stupněm v dosahu použití žebříku

### 1/ Pravoúhlá konstrukce

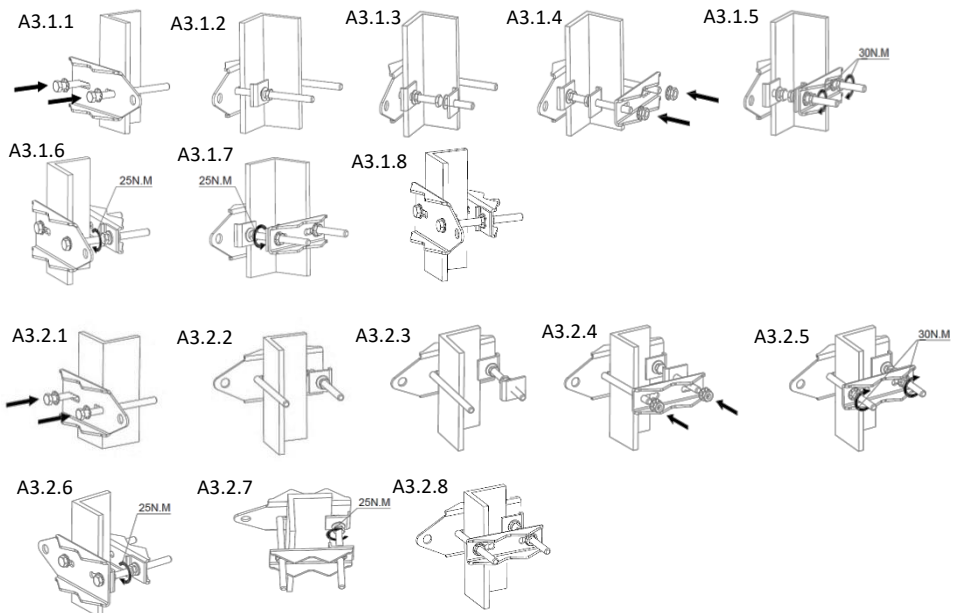
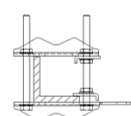


### 2/ Konstrukce tvaru T



1 x dynamometrického klíče č. 17  
pomocí něž lze ověřit utahovací moment

### 3/ Konstrukce tvaru L

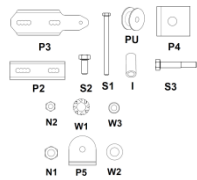


1 x dynamometrického klíče č. 17  
pomocí něž lze ověřit utahovací moment

## NÁVOD K MONTÁŽI B

# AN802/MONTÁŽ

### Součásti sady AN802



- 1 x P3: Upevňovací deska
- 1 x P2: Kotvicí deska
- 2 x P4: Malá kotvicí deska
- 1 x P5: Pružné šasi
- 2 x S1: Šroub M12 x 160mm
- 1 x S2: Šroub M8 x 20mm
- 1 x S3: Šroub M8x45mm
- 4 x W1: Pojistná podložka D12
- 4 x W2: Podložka D12
- 6 x N1: Matice M12

### Nástroje potřebné k instalaci

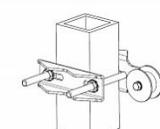
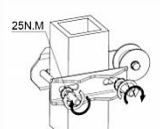
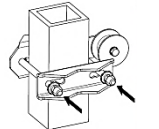
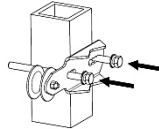
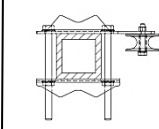


- 1 x klíč č. 13
- 1 x klíč č. 19
- 1 x dynamometrického klíče č. 19
- 1 x inbusový klíč 6

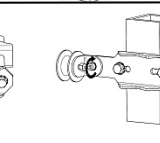
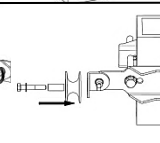
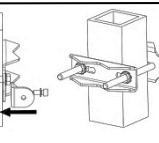
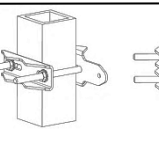
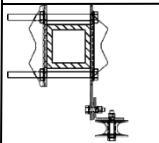
### Doporučení

- Stejný postup jako pro AN801UNI výše
- Vždy je bezpodmínečně nutné dodržovat montážní postup pro daný typ konstrukce
- Všechny šrouby a matice je nutné utahovat momentovým klíčem, díky němuž se zajistí použití správného utahovacího momentu.
- K zajištění šroubových spojů lze použít vysokopevnostní lepidlo.
- V každé instalaci musejí být kotvicí desky P2 a P3 umístěny ve vzájemně rovnoběžné poloze.
- Kotvicí bod umístěte na vhodné místo na konstrukci, pokud možno přímo nad příčným stupněm v dosahu použití žebříku

### 1/ Pravoúhlá konstrukce



1 x dynamometrického klíče č. 17 pomocí nějž lze ověřit utahovací moment

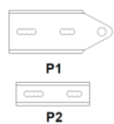


## NÁVOD K MONTÁŽI C

# AN801UNI/MONTÁŽ – Spodní upevnění

Při montáži spodního upevnění AN801UNI postupujte stejným způsobem jako u horního ukotvení AN801UNI.

### Součásti sady AN801UNI



- 1 x P1: Kotvicí deska 1
- 1 x P2: Kotvicí deska 2
- 2 x S1: Šroub 12 x160mm
- 4 x W1: Pojistná podložka D12
- 4 x W2: Podložka D12
- 6 x N1: Matice M12

### Nástroje potřebné k instalaci



- 1 x klíč č. 19
- 1 x dynamometrického klíče č. 19

1 x dynamometrického klíče č. 17 pomocí nějž lze ověřit utahovací moment

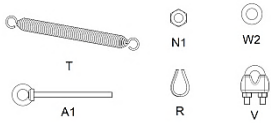
### Doporučení

- Stejný postup jako pro horní ukotvení AN801UNI
- Vždy je bezpodmínečně nutné dodržovat montážní postup pro daný typ konstrukce
- Všechny šrouby a matice je nutné utahovat momentovým klíčem, díky němuž se zajistí použití správného utahovacího momentu.
- K zajištění šroubových spojů lze použít vysokopevnostní lepidlo.
- V každé instalaci musejí být kotvicí desky 1 a 2 umístěny ve vzájemně rovnoběžné poloze.
- Kotvicí bod umístěte na vhodné místo na konstrukci, pokud možno přímo nad příčným stupněm v dosahu použití žebříku

**NÁVOD  
K MONTÁŽI  
D**

**AN801TEN/MONTÁŽ**

**Součásti napínacího systému**



- P6 : Instalační deska napínací tyče**  
 1 x T : Napínací pružina  
 2 x N1 : Matice M12  
 1 x A1 : Kotvicí šroub M12  
 1 x W2: Podložka D12  
 2 x V : Lanové svorky  
 1 x R : Srdcovka

**Nástroje potřebné k instalaci**



- 1 x klíč č. 13  
 1 x klíč č. 17  
 2 x klíč č. 19  
 1 x štípací kleště  
 1 x samolepicí páska

1 x dynamometrického klíče č. 17  
 pomocí nějž lze ověřit utahovací moment

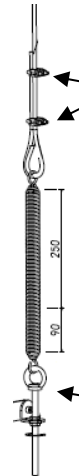
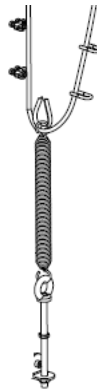
**Doporučení**

- Všechny šrouby a matice je nutné utahovat momentovým klíčem, díky němuž se zajistí použití správného utahovacího momentu..
- K zajištění šroubových spojů lze použít vysokopevnostní lepidlo.
- Poté na již nainstalovaný spodní upevňovací bod AN801UNI nainstalujte napínací systém AN801TEN.
- Instalační deska napínací tyče pružiny T musí být ke spodnímu upevňovacímu bodu AN801UNI připevněna pomocí šroubu M16 a matice M16.

**Instalace napínacího systému**



Otočte 4 otáčkami



Šrouby lanových svorek na aktivním konci

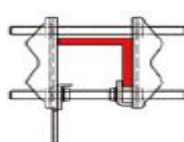
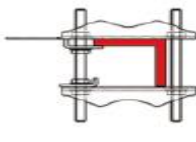
30 daN

## PŘÍKLAD POUŽITÍ (pro standardní produkty)

Les supports en L:

L1max=160mm

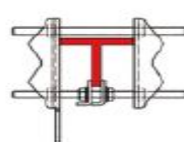
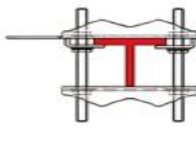
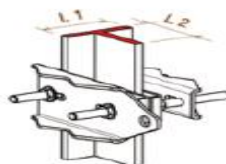
L2max=94mm



Les supports en T:

L1max=160mm

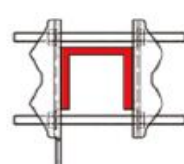
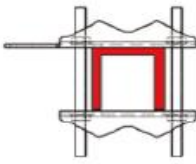
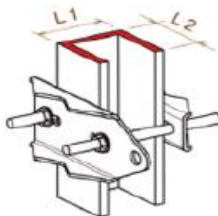
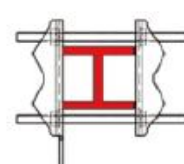
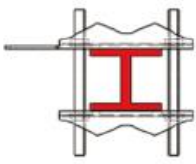
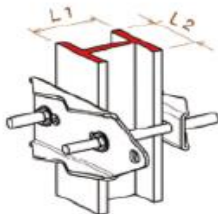
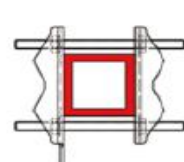
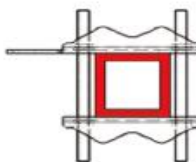
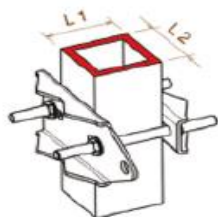
L2max=94mm



Les supports Rectangulaires:

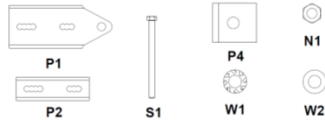
L1max=160mm

L2max=94mm



# AN801UNI/ASAMBLARE - Ancoră superioară

## Elementele componente ale AN801UNI



- 1 x P1: Placă de ancorare 1
- 1 x P2: Placă de ancorare 2
- 2 x S1: Boulon 12 x160mm
- 4 x W1: Şaibe autoblocante D12
- 4 x W2: Şaibe D12
- 6 x N1: Piuliţa M12

## Unelte pentru instalare

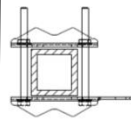


- 1 x cheie de 19
- 1 x cu cheia dinamometrică de 19

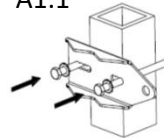
## Recomandări

- ste obligatoriu să respectați cu precauție montajul preconizat pentru fiecare tip de structură
- Toate buloanele/piulițele trebuie înșurubate cu ajutorul unei chei dinamometrice pentru a asigura cuplul de strângere.
- Se poate utiliza lipici puternic adeziv pentru a fixa piulițele.
- Pentru fiecare montaj, plăcile de ancorare 1 și 2 trebuie să fie paralele.
- Poziționați punctul de ancorare pe un loc de pe structură, dacă este posibil chiar deasupra uneia dintre bare, în cadrul unei utilizări pe scară

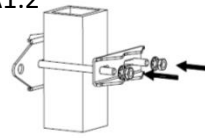
### 1/ Structură rectangulară



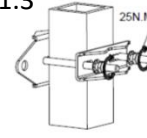
A1.1



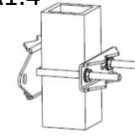
A1.2



A1.3



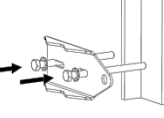
A1.4



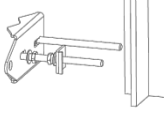
### 2/ Structură în T



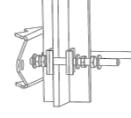
A2.1.1



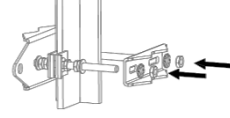
A2.1.2



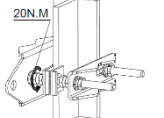
A2.1.3



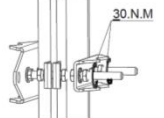
A2.1.4



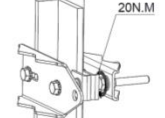
A2.1.5



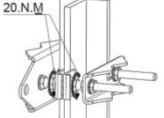
A2.1.6



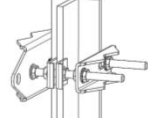
A2.1.7



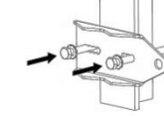
A2.1.8



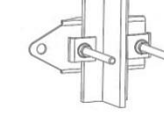
A2.1.9



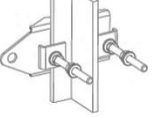
A2.2.1



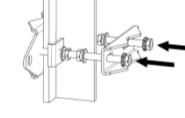
A2.2.2



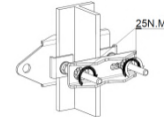
A2.2.3



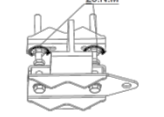
A2.2.4



A2.2.5



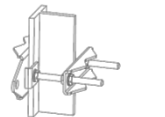
A2.2.6



A2.2.7



A2.2.8

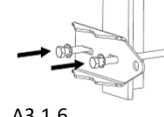


1 x cu cheia dinamometrică de 17 pentru a verifica cuplul de strângere

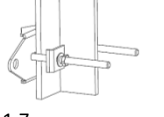
### 3/ Structură în L



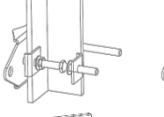
A3.1.1



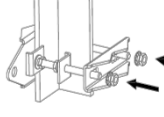
A3.1.2



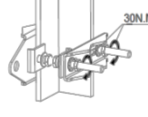
A3.1.3



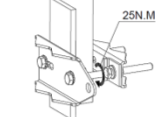
A3.1.4



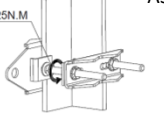
A3.1.5



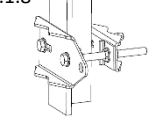
A3.1.6



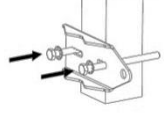
A3.1.7



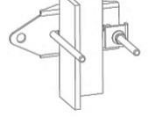
A3.1.8



A3.2.1



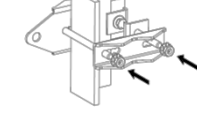
A3.2.2



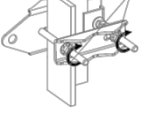
A3.2.3



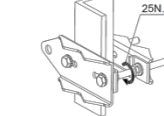
A3.2.4



A3.2.5



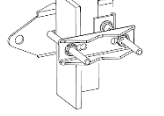
A3.2.6



A3.2.7



A3.2.8



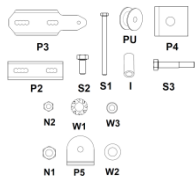
1 x cu cheia dinamometrică de 17 pentru a verifica cuplul de strângere



## GHID DE ASAMBLARE B

# AN802/ASAMBLARE

### Elementele componente ale AN802



1 x P3: Placa de fixare  
1 x P2: Placă de ancorare  
2 x P4: Placă mică de ancorare  
1 x P5: Platină arc  
2 x S1: Boulon M12 x 160mm  
1 x S2: Boulon M8 x 20mm  
1 x S3: Boulon M8x45mm  
4 x W1: Șaibă autoblocantă D12  
4 x W2: Șaibe D12  
6 x N1: Piulița M12

### Unelte pentru instalare

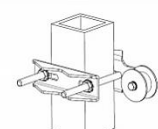
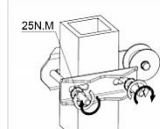
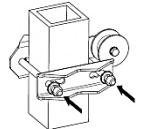
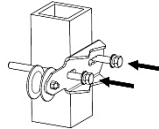
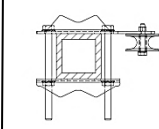


1 x cheie de 13  
1 x cheie de 19  
1 x cu cheia  
dinamometrică de  
19  
1 x cheie imbus de  
6

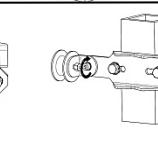
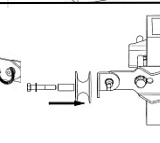
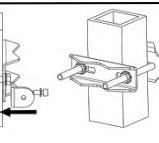
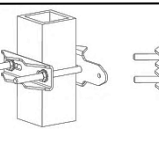
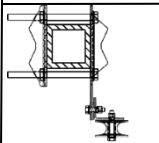
### Recomandări

- Aceeași procedură ca pentru ancora AN801UNI superioară
- Este obligatoriu să respectați cu precauție montajul preconizat pentru fiecare tip de structură
- Toate buloanele/piulițele trebuie înșurubate cu ajutorul unei chei dinamometrice pentru a asigura cuplul de strângere.
- Se poate utiliza lipici puternic adeziv pentru a fixa piulițele.
- Pentru fiecare montaj, plăcile de ancorare P2 și P3 trebuie să fie paralele.
- Poziționați punctul de ancorare pe un loc de pe structură, dacă este posibil chiar deasupra uneia dintre bare, în cadrul unei utilizări pe scară

### 1/ Structură rectangulară



1 x cu cheia dinamometrică de 17  
pentru a verifica cuplul de  
strângere

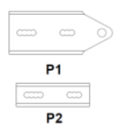


## GHID DE ASAMBLARE C

# AN801UNI/ASAMBLARE - Clemă inferioară

Pentru instalarea clemei inferioare AN801UNI, efectuați aceeași procedură ca pentru ancora superioară AN801UNI

### Elementele componente ale AN801UNI



1 x P1: Placă de ancorare 1  
1 x P2: Placă de ancorare 2  
2 x S1: Boulon 12 x160mm  
4 x W1: Șaibe autoblocante D12  
4 x W2: Șaibe D12  
6 x N1: Piulița M12

### Unelte pentru instalare



1 x cheie de 19  
1 x cu cheia  
dinamometrică de  
19

1 x cu cheia dinamometrică de 17  
pentru a verifica cuplul de  
strângere

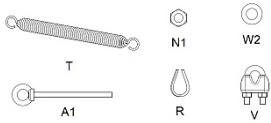
### Recomandări

- Aceeași procedură ca pentru ancora superioară AN801UNI
- Este obligatoriu să respectați cu precauție montajul preconizat pentru fiecare tip de structură
- Toate buloanele/piulițele trebuie înșurubate cu ajutorul unei chei dinamometrice pentru a asigura cuplul de strângere.
- Se poate utiliza lipici puternic adeziv pentru a fixa piulițele.
- Pentru fiecare montaj, plăcile de ancorare 1 și 2 trebuie să fie paralele.
- Poziționați punctul de ancorare pe un loc de pe structură, dacă este posibil chiar deasupra uneia dintre bare, în cadrul unei utilizări pe scară



## AN801TEN/ASAMBLARE

### Elementele componente ale sistemului de tensionare



P6 : Plăcuța de poziționare a tije  
 1 x T : Arc de tracțiune  
 2 x N1 : Piulița M12  
 1 x A1 : Șurub de ancorare M12  
 1 x W2: Șaibe D12  
 2 x V : Cleme de cablu  
 1 x R : Cârlig cu ochet

### Unelte pentru instalare



1 x cheie de 13  
 1 x cheie de 17  
 2 x cheie de 19  
 1 x clește  
 1 x bandă adezivă

### Recomandări

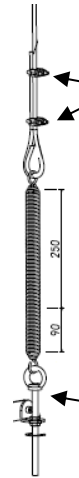
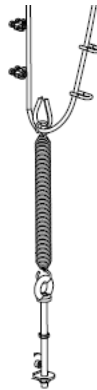
- Toate buloanele/piulițele trebuie înșurubate cu ajutorul unei chei dinamometrice pentru a asigura cuplul de strângere.
- Se poate utiliza lipici puternic adeziv pentru a fixa piulițele.
- Începeți fixarea pe poziție a sistemului de tensionare AN801TEN pe clema inferioară AN801UNI deja fixată.
- Plăcuța de poziționare P6 a tije de tracțiune a arcului T trebuie fixată pe clema inferioară AN801UNI cu ajutorul elementelor bulon M16 și piuliță M16.

1 x cu cheia dinamometrică de 17  
 pentru a verifica cuplul de  
 strângere

### Instalarea sistemului de tensionare



Efectuați de 4 ori



Șuruburi ale clemelor de cablu pe  
 partea cablului activ

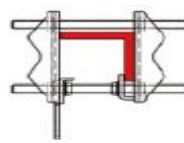
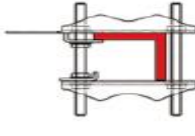
30 daN

EXEMPLU DE UTILIZARE (pentru produsele standard)

Les supports en L:

L1max=160mm

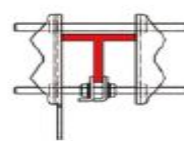
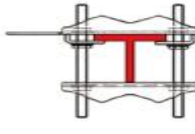
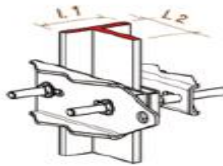
L2max=94mm



Les supports en T:

L1max=160mm

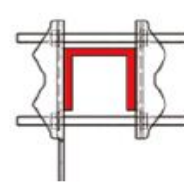
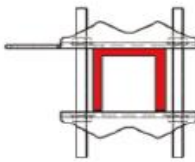
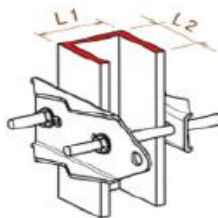
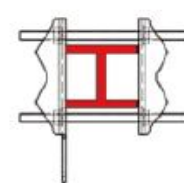
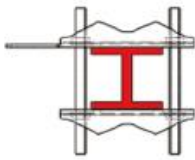
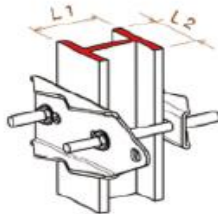
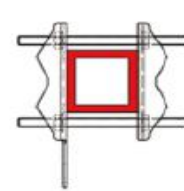
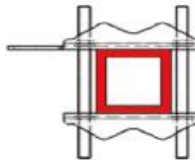
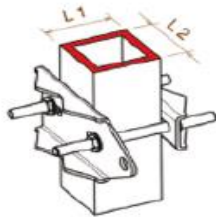
L2max=94mm



Les supports Rectangulaires:

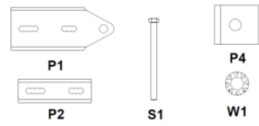
L1max=160mm

L2max=94mm



# AN801UNI/ÖSSZESZERELÉS - Felső kikötés

Az AN801UNI elemei összetevői



- 1 x P1: 1-es rögzítő lemez
- 1 x P2: 2-es rögzítő lemez
- 2 x S1: 12 x160mm-es csavar
- 4 x W1: D12-es automata blokkolású alátétgyűrű
- 4 x W2: Rúd D12
- 6 x N1: Anvacsavar M12

Szerszámok a felállításhoz

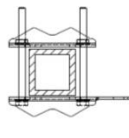


- 1 x 19-as kulcs
- 1 x 19-  
dinamometrikus  
kulccsal

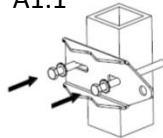
Ajánlások

- Elővigyázattal kell követni minden típusú szerkezet javasolt összeszerelését
- Minden csavart/anyacsavart a dinamometrikus kulcs segítségével kell becsavarozni a szorító-pár biztosításához.
- Az erős ragasztóból lehet használni az anyacsavarok rögzítéséhez.
- Minden összeszereléshez az 1-es és 2-es rögzítő lemezeknek párhuzamosan kell állniuk.
- Helyezze el a kikötési pontot a szerkezet egy pontján, ha lehetséges egy léccel a létrán való használat keretében.

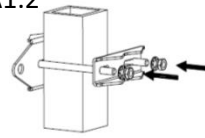
1/ Derékszögű szerkezet



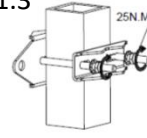
A1.1



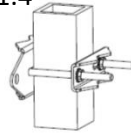
A1.2



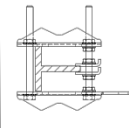
A1.3



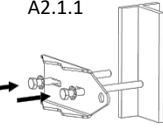
A1.4



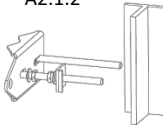
2/ T alakú szerkezet



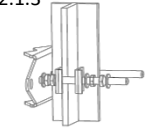
A2.1.1



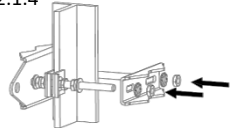
A2.1.2



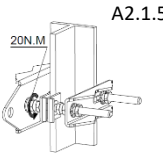
A2.1.3



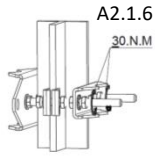
A2.1.4



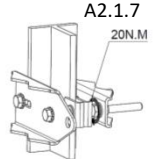
A2.1.5



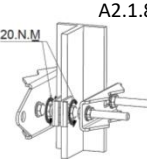
A2.1.6



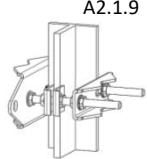
A2.1.7



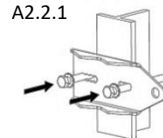
A2.1.8



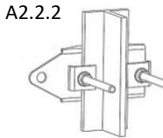
A2.1.9



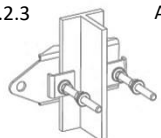
A2.2.1



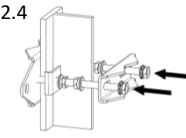
A2.2.2



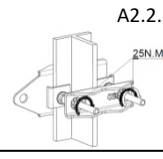
A2.2.3



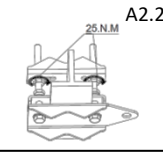
A2.2.4



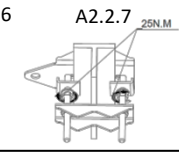
A2.2.5



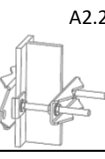
A2.2.6



A2.2.7

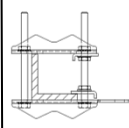


A2.2.8

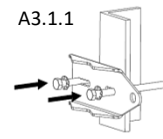


1 x dinamometrikus kulccsal 17-es méretű lyukkal a szorító párok ellenőrzéséhez

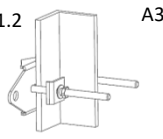
3/ L alakú szerkezet



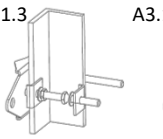
A3.1.1



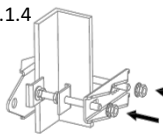
A3.1.2



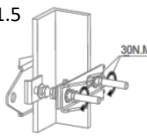
A3.1.3



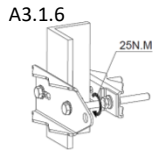
A3.1.4



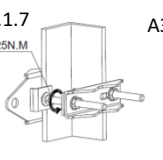
A3.1.5



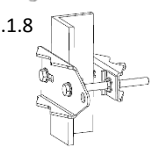
A3.1.6



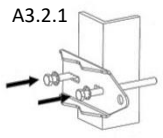
A3.1.7



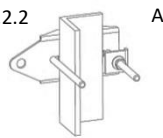
A3.1.8



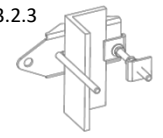
A3.2.1



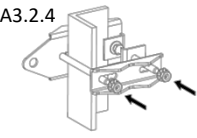
A3.2.2



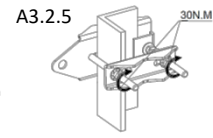
A3.2.3



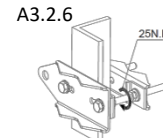
A3.2.4



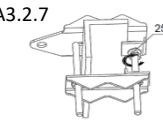
A3.2.5



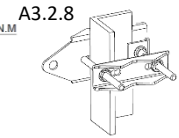
A3.2.6



A3.2.7



A3.2.8

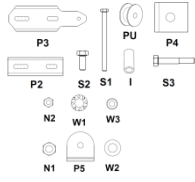


1 x dinamometrikus kulccsal 17-es méretű lyukkal a szorító párok ellenőrzéséhez

## "B" ÖSSZESZERELÉSI ÚTMUTATÓ

# AN802/ÖSSZESZERELÉS

### Az AN802 elemei összetevői



- 1 x P3: Rögzítő lemez
- 1 x P2: Rögzítő lemez
- 2 x P4: Kis rögzítő lemez
- 1 x P5: Rugós lemez
- 2 x S1: M12 x 160mm-es csavar
- 1 x S2: M8 x 20mm-es csavar
- 1 x S3: M8x45mm-es csavar
- 4 x W1: D12-es automata blokkolású alátétgyűrű
- 4 x W2: Rúd D12
- 6 x N1: Anyacsavar M12

### Szerszámok a felállításhoz

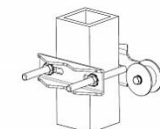
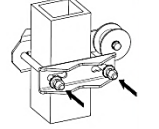
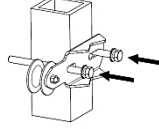
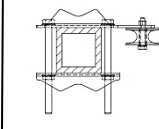


- 1 x 13-as kulcs
- 1 x 19-as kulcs
- 1 x 19-  
dinamometrikus  
kulccsal
- 1 x 6-os Allen kulcs

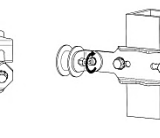
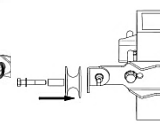
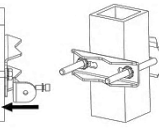
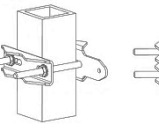
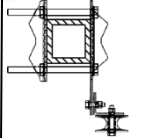
### Ajánlások

- Ugyanaz az eljárás, mint az AN801UNI felső kikötésnél
- Elővigyázattal kell követni minden típusú szerkezet javasolt összeszerelését
- Minden csavart/anyacsavart a dinamometrikus kulcs segítségével kell becsavarozni a szorító-pár biztosításához.
- Az erős ragasztóból lehet használni az anyacsavarok rögzítéséhez.
- Minden összeszereléshez az 1-es és 2-es rögzítő lemezeknek párhuzamosan kell állniuk.
- Helyezze el a kikötési pontot a szerkezet egy pontján, ha lehetséges egy léccel fölött a létrán való használat keretében.

### 1/ Derékszögű szerkezet



1 x dinamometrikus kulccsal 17-es méretű lyukkal a szorító párok ellenőrzéséhez

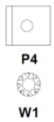
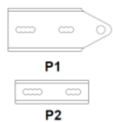


## "C" ÖSSZESZERELÉSI ÚTMUTATÓ

# AN801UNI/ÖSSZESZERELÉS - Alsó összekötő

Az AN801UNI alsó összekötő felszerelésénél ugyanúgy kell eljárni, mint az AN801UNI felső kikötésnél.

### Az AN801UNI elemei összetevői



- 1 x P1: 1-es rögzítő lemez
- 1 x P2: 2-es rögzítő lemez
- 2 x S1: 12 x 160mm-es csavar
- 4 x W1: D12-es automata blokkolású alátétgyűrű
- 4 x W2: Rúd D12
- 6 x N1: Anyacsavar M12

### Szerszámok a felállításhoz



- 1 x 19-as kulcs
- 1 x 19-  
dinamometrikus  
kulccsal

1 x dinamometrikus kulccsal 17-es méretű lyukkal a szorító párok ellenőrzéséhez

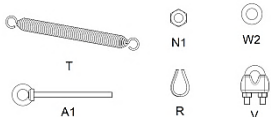
### Ajánlások

- Ugyanaz az eljárás, mint az AN801UNI felső kikötésnél
- Elővigyázattal kell követni minden típusú szerkezet javasolt összeszerelését
- Minden csavart/anyacsavart a dinamometrikus kulcs segítségével kell becsavarozni a szorító-pár biztosításához.
- Az erős ragasztóból lehet használni az anyacsavarok rögzítéséhez.
- Minden összeszereléshez az 1-es és 2-es rögzítő lemezeknek párhuzamosan kell állniuk.
- Helyezze el a kikötési pontot a szerkezet egy pontján, ha lehetséges egy léccel fölött a létrán való használat keretében.

"D"  
ÖSSZESZERELÉSI  
ÚTMUTATÓ

## AN801TEN/ÖSSZESZERELÉS

### A feszítő rendszer elemei összetevői



P6 : Rögzítő lemez szár  
 1 x T : Feszítő rugó  
 2 x N1 : Anyacsavar M12  
 1 x A1 : M12-es rögzítő csavar  
 1 x W2: Rúd D12  
 2 x V : Kábelszorító  
 1 x R : Kötélszív

### Szerszámok a felállításhoz



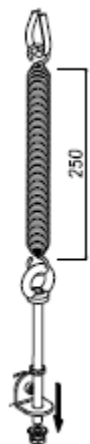
1 x 13-as kulcs  
 1 x 17-as kulcs  
 2 x 19-as kulcs  
 1 x harapófogó  
 1 x ragasztószalag

### Ajánlások

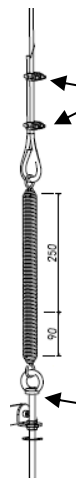
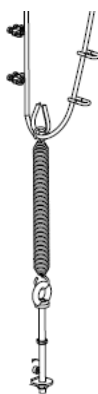
- Minden csavart/anyacsavart a dinamometrikus kulcs segítségével kell becsavarozni a szorító-pár biztosításához.
- Az erős ragasztóból lehet használni az anyacsavarok rögzítéséhez.
- Az AN801TEN feszítő rendszer beállítását a már helyén lévő AN801UNI alsó összekötőn kell megkezdeni.
- A T-rugó feszítő szárának P6-os rögzítő lemezét az AN801UNI alsó összekötőhöz rögzíteni.

1 x dinamometrikus kulccsal 17-es méretű lyukkal a szorító párok ellenőrzéséhez

### Feszítő rendszer felállítása



4 menet készítése



Kábelszorító csavar aktív szál oldal

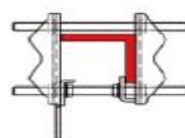
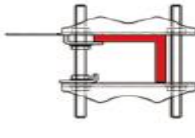
30 daN

## PÉLDA A HASZNÁLATRA (standard termékeknél)

Les supports en L:

L1max=160mm

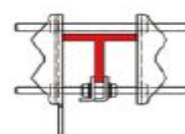
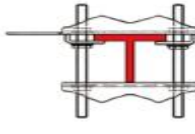
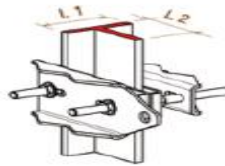
L2max=94mm



Les supports en T:

L1max=160mm

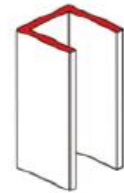
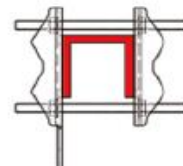
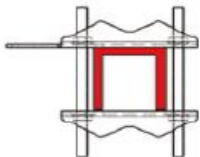
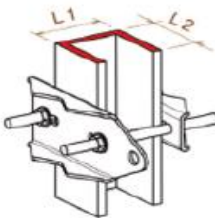
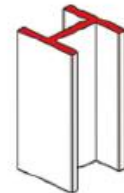
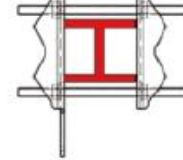
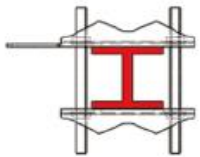
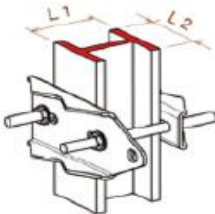
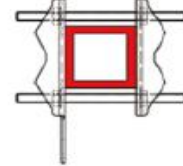
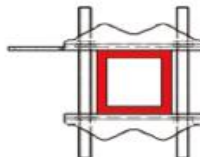
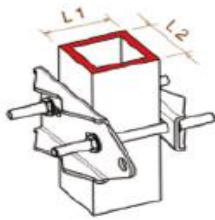
L2max=94mm



Les supports Rectangulaires:

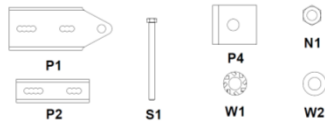
L1max=160mm

L2max=94mm



# AN801UNI/ASSEMBLAGE - gornje učvršćenje

## Sastavni dijelovi AN801UNI



- 1 x P1: pločica za učvršćenje 1
- 1 x P2: pločica za učvršćenje 2
- 2 x S1: svornjak 12 x160mm
- 4 x W1: samoblokirajuće matice D12
- 4 x W2: Podloška D12
- 6 x N1: Matica M12

## Instalacijski alati

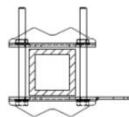


- 1 x ključ veličine 19
- 1 x dinamometričkim ključem 19

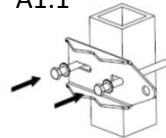
## Preporuke

- Obavezno treba s oprezom poštivati montažu koja se preporučuje za svaku vrstu strukture
- Svi svornjaci/matice trebaju se zavijati pomoću dinamometričkog ključa kako bi se osigurao moment pritezanja.
- Za pričvršćivanje matica može se upotrijebiti snažno lje pilo.
- Pločice za učvršćenje 1 i 2 trebaju biti paralelne u svim slučajevima.
- Pozicionirajte točku učvršćenja na neko mjesto strukture, ako je moguće što bliže iznad prečke u okviru uporabe na ljestvama.

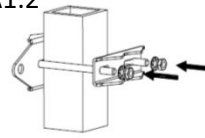
### 1/ Pravokutna struktura



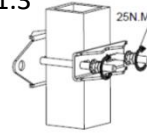
#### A1.1



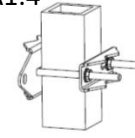
#### A1.2



#### A1.3



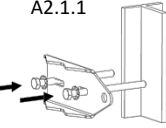
#### A1.4



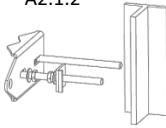
### 2/ Struktura T



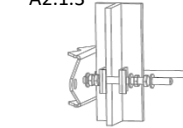
#### A2.1.1



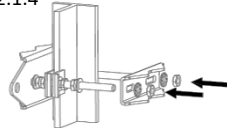
#### A2.1.2



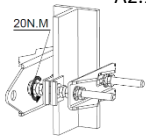
#### A2.1.3



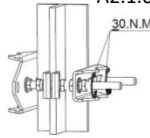
#### A2.1.4



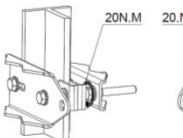
#### A2.1.5



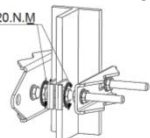
#### A2.1.6



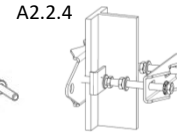
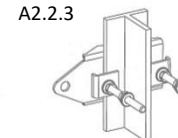
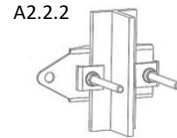
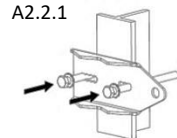
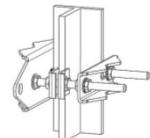
#### A2.1.7



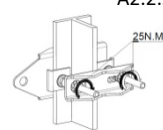
#### A2.1.8



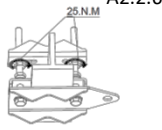
#### A2.1.9



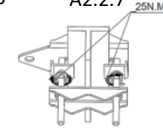
#### A2.2.5



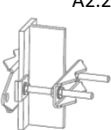
#### A2.2.6



#### A2.2.7

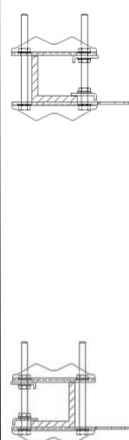


#### A2.2.8

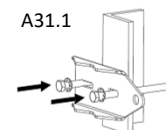


1 x dinamometričkim ključem 17  
za provjeru momenata pritezanja

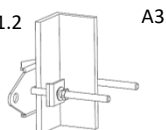
### 3/ Struktura L



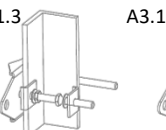
#### A3.1.1



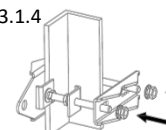
#### A3.1.2



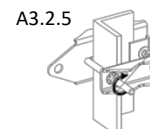
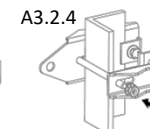
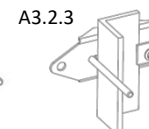
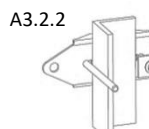
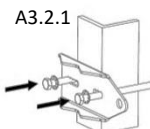
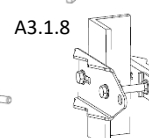
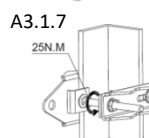
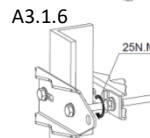
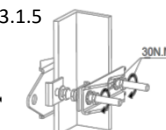
#### A3.1.3



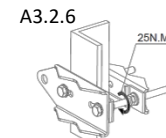
#### A3.1.4



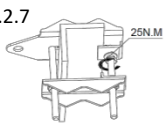
#### A3.1.5



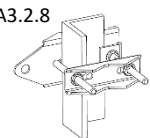
#### A3.2.6



#### A3.2.7



#### A3.2.8



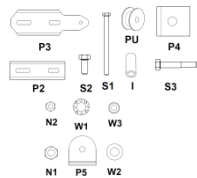
1 x dinamometričkim ključem 17  
za provjeru momenata pritezanja



## UPUTE ZA SASTAVLJANJE B

# AN802/SASTAVLJANJE

### Sastavni dijelovi l'AN802



- 1 x P3: pričvrсна pločica
- 1 x P2: pločica za učvršćenje
- 2 x P4: mala pločica za učvršćenje
- 1 x P5: pločica za oprugu
- 2 x S1: svornjak M12 x 160mm
- 1 x S2: svornjak M8 x 20mm
- 1 x S3: svornjak M8x45mm
- 4 x W1: samoblokirajuća matica D12
- 4 x W2: Podloška D12
- 6 x N1: Matica M12

### Instalacijski alati

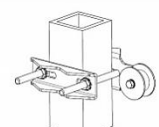
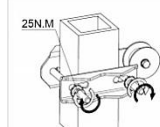
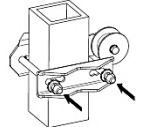
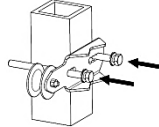
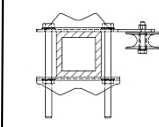


- 1 x ključ veličine 13
- 1 x ključ veličine 19
- 1 x dinamometričkim ključem 19
- 1 x imbus ključ veličine 6

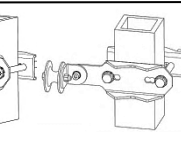
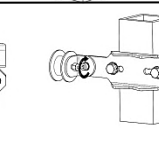
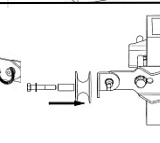
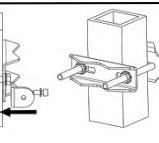
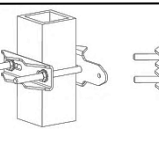
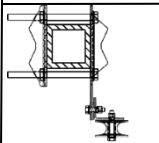
### Preporuke

- Isti postupak kao i kod AN801UNI gore
- Obavezno treba s oprezom poštivati montažu koja se preporučuje za svaku vrstu strukture
- Svi svornjaci/matrice trebaju se zavijčati pomoću dinamometričkog ključa kako bi se osigurao moment pritezanja.
- Za pričvršćivanje matica može se upotrijebiti snažno ljepilo.
- Pločice za učvršćenje P2 i P3 trebaju biti paralelne u svim slučajevima.
- Pozicionirajte točku učvršćenja na neko mjesto strukture, ako je moguće što bliže iznad prečke u okviru uporabe na ljestvama.

### 1/ Pravokutna struktura



1 x dinamometričkim ključem 17  
za provjeru momenata pritezanja

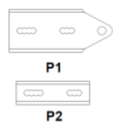


## UPUTE ZA SASTAVLJANJE C

# AN801UNI/SASTAVLJANJE - donja kopča

Za instalaciju donje kopče AN801UNI postupite na isti način kao i za gornje učvršćenje AN801UNI

### Sastavni dijelovi AN801UNI



- 1 x P1: pločica za učvršćenje 1
- 1 x P2: pločica za učvršćenje 2
- 2 x S1: svornjak 12 x 160mm
- 4 x W1: samoblokirajuće matica D12
- 4 x W2: Podloška D12
- 6 x N1: Matica M12

### Instalacijski alati



- 1 x ključ veličine 19
- 1 x dinamometričkim ključem 19

1 x dinamometričkim ključem 17  
za provjeru momenata pritezanja

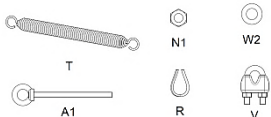
### Preporuke

- Isti postupak kao i kod gornjeg učvršćenja AN801UNI
- Obavezno treba s oprezom poštivati montažu koja se preporučuje za svaku vrstu strukture
- Svi svornjaci/matrice trebaju se zavijčati pomoću dinamometričkog ključa kako bi se osigurao moment pritezanja.
- Za pričvršćivanje matica može se upotrijebiti snažno ljepilo.
- Pločice za učvršćenje 1 i 2 trebaju biti paralelne u svim slučajevima.
- Pozicionirajte točku učvršćenja na neko mjesto strukture, ako je moguće što bliže iznad prečke u okviru uporabe na ljestvama.

UPUTE ZA  
SASTAVLJANJE  
D

# AN801TEN/SASTAVLJANJE

## Sastavni dijelovi sustava za zatezanje



P6 : pločica za pozicioniranje vijka  
 1 x T : opruga za zatezanje  
 2 x N1 : Matica M12  
 1 x A1 : vijak za učvršćenje M12  
 1 x W2: Podloška D12  
 2 x V : stezaljke  
 1 x R : okasta stopica

## Instalacijski alati



1 x ključ veličine 13  
 1 x ključ veličine 17  
 2 x ključ veličine 19  
 1 x kliješta  
 1 x ljepljiva traka

## Preporuke

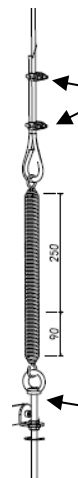
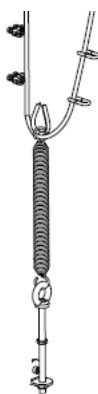
- Svi svornjaci/matice trebaju se zavijčati pomoću dinamometričkog ključa kako bi se osigurao moment pritezanja.
- Za pričvršćivanje matice može se upotrijebiti snažno ljepilo.
- Pristupite pozicioniranju sustava za zatezanje AN801TEN na donju kopču AN801UNI koja je već postavljena.
- Pločica za pozicioniranje P6 šipke za zatezanje opruge T treba se pričvrstiti za donju kopču AN801UNI pomoću svornjaka M16 i matice M16.

1 x dinamometričkim ključem 17  
 za provjeru momenata pritezanja

## Instalacija sustava za zatezanje



Stegnuti 4  
okretaja



Vijak stezaljki čeličnog užeta na  
aktivnoj žili

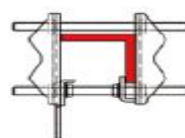
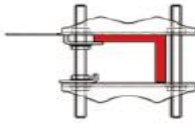
30 daN

PRIMJER UPORABE (za standardne proizvode)

Les supports en L:

L1max=160mm

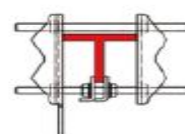
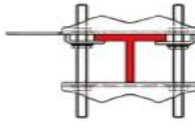
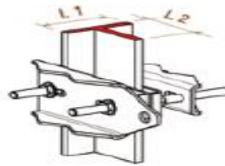
L2max=94mm



Les supports en T:

L1max=160mm

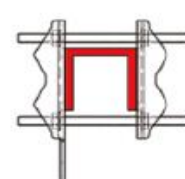
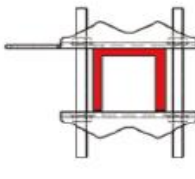
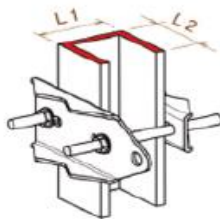
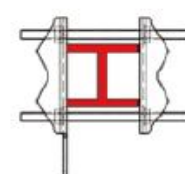
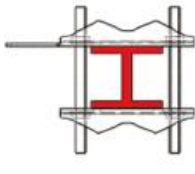
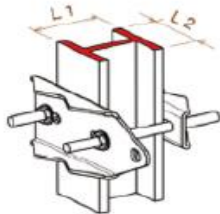
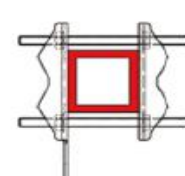
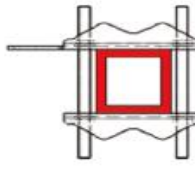
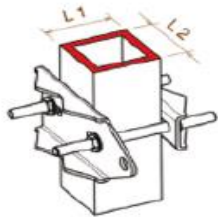
L2max=94mm



Les supports Rectangulaires:

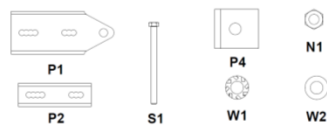
L1max=160mm

L2max=94mm



# AN801UNI/MONTERING - HÖG Förankring

Komponentdelar I'AN801UNI



- 1 x P1: Förankringsplatta 1
- 1 x P2: Förankringsplatta 2
- 2 x S1: Bult 12 x160mm
- 4 x W1: självsläsande brickor D12
- 4 x W2: Bricka D12
- 6 x N1: Mutter M12

Verktyg för montering

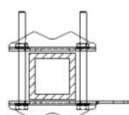


- 1 x Nyckel 19
- 1 x momentnyckel 19

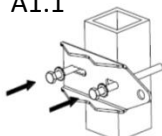
Rekommendationer

- Det är ytterst viktigt att följa monteringen avsedd för varje typ av struktur
- Alla skruvar / muttrar måste skruvas med en momentnyckel för att säkerställa vridmoment.
- Stark lim kan användas för att fästa muttrarna.
- För varje montering ska förankringsplattor 1 och 2 vara parallella.
- Placera fästpunkten någonstans på struktur, om möjligt precis ovanför ett steg vid användning på stegen

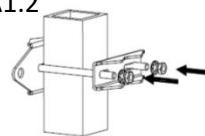
1/ Fyrkantig struktur



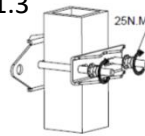
A1.1



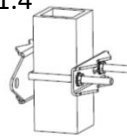
A1.2



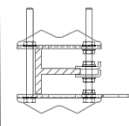
A1.3



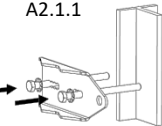
A1.4



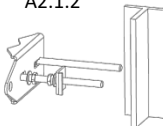
2/ Struktur T



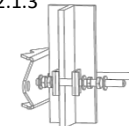
A2.1.1



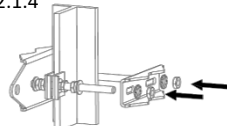
A2.1.2



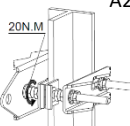
A2.1.3



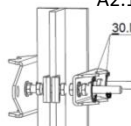
A2.1.4



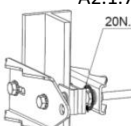
A2.1.5



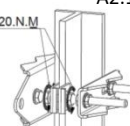
A2.1.6



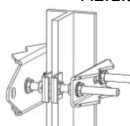
A2.1.7



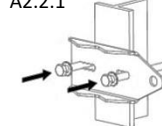
A2.1.8



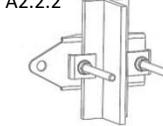
A2.1.9



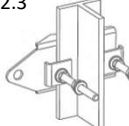
A2.2.1



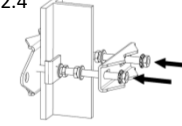
A2.2.2



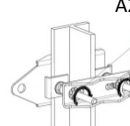
A2.2.3



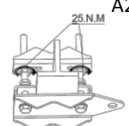
A2.2.4



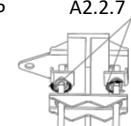
A2.2.5



A2.2.6



A2.2.7

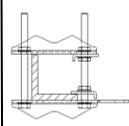


A2.2.8

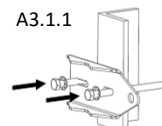


1 x momentnyckel 17 för att kontrollera åtdragningsmoment

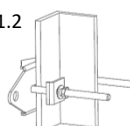
3/ Struktur L



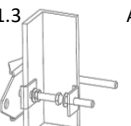
A3.1.1



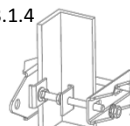
A3.1.2



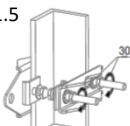
A3.1.3



A3.1.4



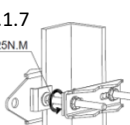
A3.1.5



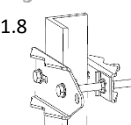
A3.1.6



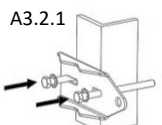
A3.1.7



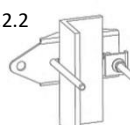
A3.1.8



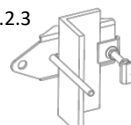
A3.2.1



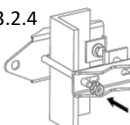
A3.2.2



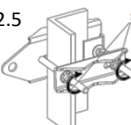
A3.2.3



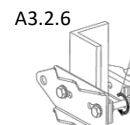
A3.2.4



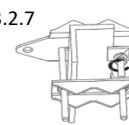
A3.2.5



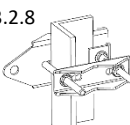
A3.2.6



A3.2.7



A3.2.8

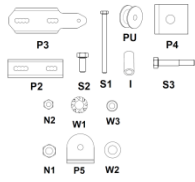


1 x momentnyckel 17 för att kontrollera åtdragningsmoment

## GUIDE FÖR MONTERING B

# AN802/MONTERING

### Komponentdelar l'AN802



- 1 x P3: Fixeringsbricka
- 1 x P2: Förankringsplatta
- 2 x P4: Liten förankringsplatta
- 1 x P5: Platina fjäder
- 2 x S1: Bult M12 x 160mm
- 1 x S2: Bult M8 x 20mm
- 1 x S3: Bult M8x45mm
- 4 x W1: Självslåsande bricka D12
- 4 x W2: Bricka D12
- 6 x N1: Mutter M12

### Verktyg för installation

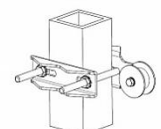
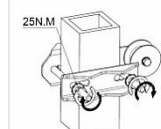
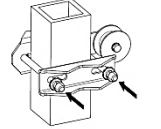
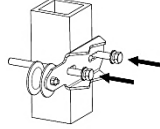
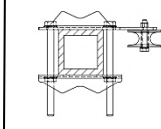


- 1 x Nycke 13
- 1 x Nycke 19
- 1 x momentnyckel 19
- 1 x sexkantnyckel

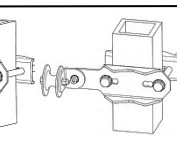
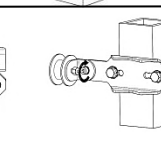
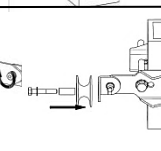
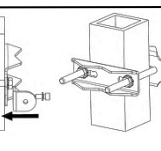
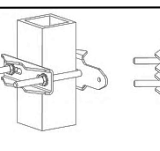
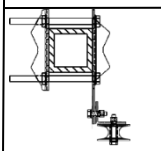
### Rekommandationer

- Samma procedur som för AN801UNI hög
- Det är ytterst viktigt att följa monteringen avsedd för varje typ av struktur
- Alla skruvar / muttrar måste skruvas med en momentnyckel för att säkerställa vridmoment.
- Stark lim kan användas för att fästa muttratna.
- För varje montering ska förankringsplattor P2 och P3 vara parallella.
- Placera fästpunkten någonstans på struktur, om möjligt precis ovanför ett steg vid användning på stege

### 1/ Fyrkantig struktur



1 x momentnyckel 17 för att kontrollera åtdragningsmoment

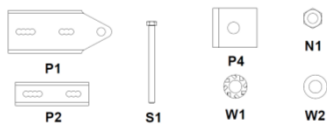


## GUIDE FÖR MONTERING C

# AN801UNI/MONTERING - lågt fäste

För installation av det lägre fäste AN801UNI, göra som för hög förankring AN801UNI

### Komponentdelar för l'AN801UNI



- 1 x P1: Förankringsplatta 1
- 1 x P2: Förankringsplatta 2
- 2 x S1: Bult 12 x160mm
- 4 x W1: självslåsande brickor D12
- 4 x W2: Bricka D12
- 6 x N1: Mutter M12

### Verktyg för installation



- 1 x Nycke 19
- 1 x momentnyckel 19

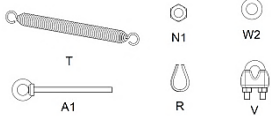
1 x momentnyckel 17 för att kontrollera åtdragningsmoment

### Rekommandationer

- Samma procedur som för hög förankring AN801UNI
- Det är ytterst viktigt att följa monteringen avsedd för varje typ av struktur
- Alla skruvar / muttrar måste skruvas med en momentnyckel för att säkerställa vridmoment.
- Stark lim kan användas för att fästa muttratna.
- För varje montering ska förankringsplattor 1 och 2 vara parallella
- Placera fästpunkten någonstans på struktur, om möjligt precis ovanför ett steg vid användning på stege

## AN801TEN/MONTERING

### Komponentdelar spänningssystemet



P6 : Platta för placering av pinne  
 1 x T : Spänningsfjäder  
 2 x N1 : Mutter M12  
 1 x A1 : Förankringsskruv M12  
 1 x W2: Bricka D12  
 2 x V : Kabelhållare  
 1 x R : Hjärtformad kabelsko

### Verktyg för montering



1 x Nycke 13  
 1 x Nycke 17  
 2 x Nycke 19  
 1 x tång  
 1 x häftande tejp

1 x momentnyckel 17 för att kontrollera åtdragningsmoment

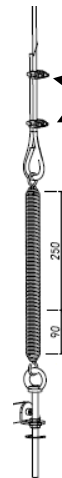
### Rekommendationer

- Alla bultar/muttrar ska skruvas med hjälp av en momentnyckel för att säkerställa vridmoment.
- Stark lim kan användas för att fästa muttratna.
- Stark lim kan användas för att fästa muttratna.
- Positioneringsbrickan P6 till fjäders spänningspinne T måste fixeras på nedre fästet AN801UNI med hjälp av bult M16 och mutter M16.

### Installation av spänningssystemet



Göra 4 varv



Skravar till kabelhållare på tillgångssidan

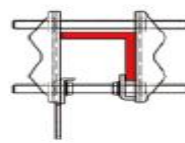
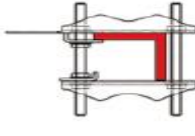
30 daN

## ANVÄNDNINGSEXEMPEL (För standardprodukter)

Les supports en L:

L1max=160mm

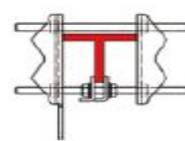
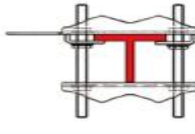
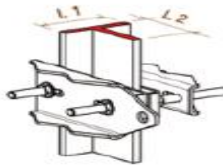
L2max=94mm



Les supports en T:

L1max=160mm

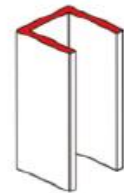
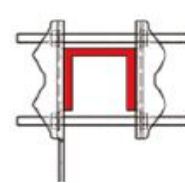
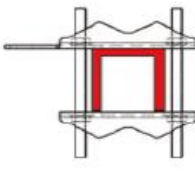
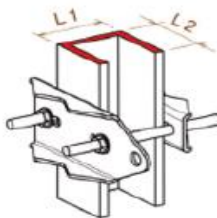
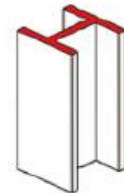
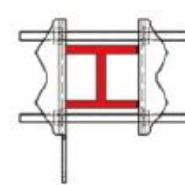
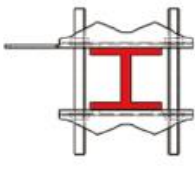
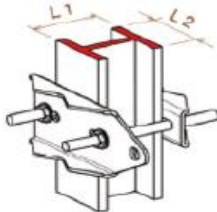
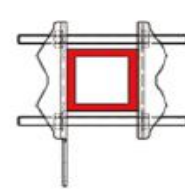
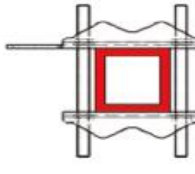
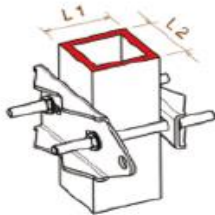
L2max=94mm



Les supports Rectangulaires:

L1max=160mm

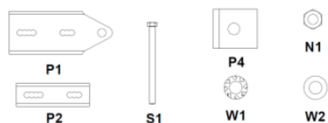
L2max=94mm





# AN801UNI/MONTERING – Øvre forankring

## Elementbestanddele AN801UNI



- 1 x P1: Forankringsplade 1
- 1 x P2: Forankringsplade 2
- 2 x S1: Bolt 12 x 160mm
- 4 x W1: Selvblokerende underlagsskive D12
- 4 x W2: Underlagsskive D12
- 6 x N1: Møtrik M12

## Værktøj til montering

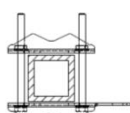


- 1 x Nøgle 19
- 1 x Momentnøgle 19

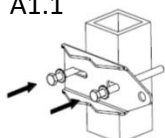
## Anbefalinger

- Det er påbudt omhyggeligt at følge den montage, der er beregnet til hver type konstruktion
- Alle bolte/møtrikker skal skrues ved hjælp af en momentnøgle for at sikre tilspændingsmomentet.
- Der skal anvendes en stærk lim til fastgørelse af møtrikkerne.
- For hver montage skal forankringsplade 1 og 2 være parallelle.
- Placer forankringspunktet på et sted på konstruktionen, om muligt lige over en bjælke i forbindelse med anvendelse på stige.

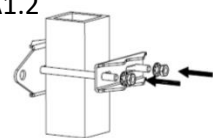
### 1/ Rektangulær konstruktion



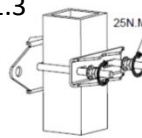
A1.1



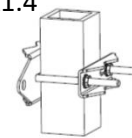
A1.2



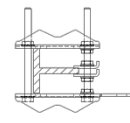
A1.3



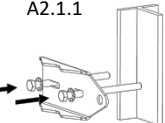
A1.4



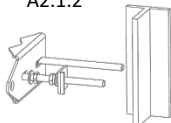
### 2/ T-konstruktion



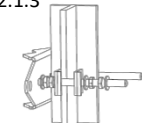
A2.1.1



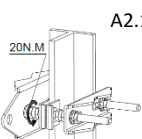
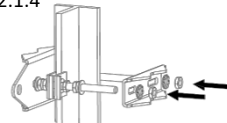
A2.1.2



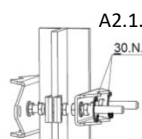
A2.1.3



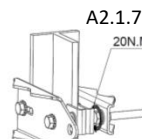
A2.1.4



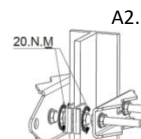
A2.1.5



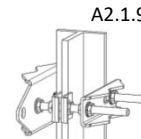
A2.1.6



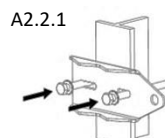
A2.1.7



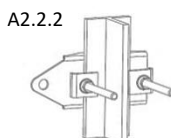
A2.1.8



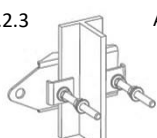
A2.1.9



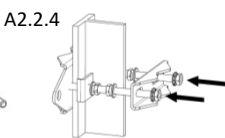
A2.2.1



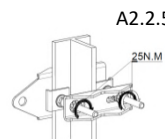
A2.2.2



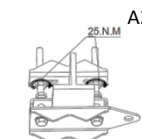
A2.2.3



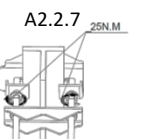
A2.2.4



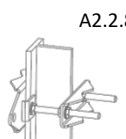
A2.2.5



A2.2.6



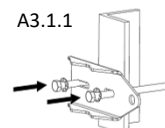
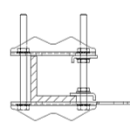
A2.2.7



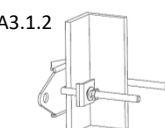
A2.2.8

1 x Momentnøgle 17 til kontrol af tilspændingsmomentet

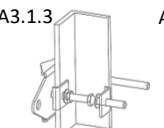
### 3/ L-konstruktion



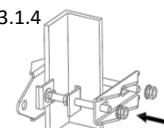
A3.1.1



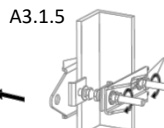
A3.1.2



A3.1.3



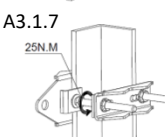
A3.1.4



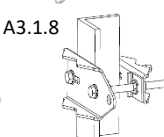
A3.1.5



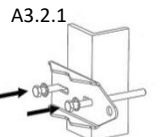
A3.1.6



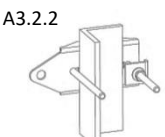
A3.1.7



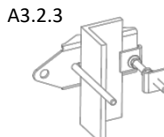
A3.1.8



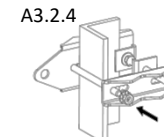
A3.2.1



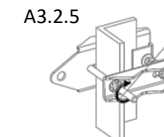
A3.2.2



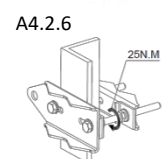
A3.2.3



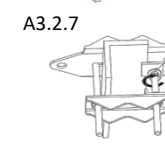
A3.2.4



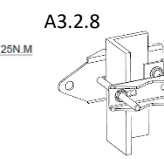
A3.2.5



A4.2.6



A3.2.7



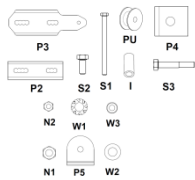
A3.2.8

1 x Momentnøgle 17 til kontrol af tilspændingsmomentet

VEJLEDNING TIL  
SAMLING  
B

# AN802/SAMLING

Elementbestanddele af AN802



- 1 x P3: Fastgørelsesplade
- 1 x P2: Frankringsplade
- 2 x P4: Lille foankringsplade
- 1 x P5: Fjederplatin
- 2 x S1: Bolt M12 x 160mm
- 1 x S2: Bolt M8 x 20mm
- 1 x S3: Bolt M8x45mm
- 4 x W1: Selvblokerende underlagsskive D12
- 4 x W2: Underlagsskive D12
- 6 x N1: Møtrik M12

Værktøj til montering

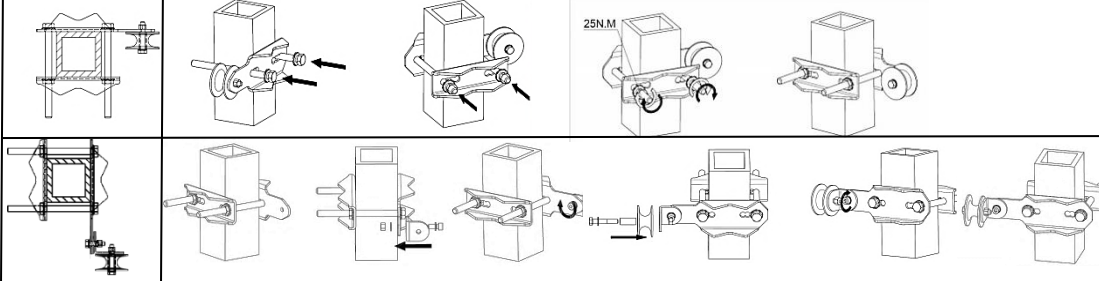


- 1 x Nøgle 13
- 1 x Nøgle 19
- 1 x Momentnøgle 19
- 1 x Unbraconøgle 6

Anbefalinger

- Samme procedure som AN801UNI øvre
- Det er påbudt omhyggeligt at følge den montage, der er beregnet til hver type konstruktion
- Alle bolte/møtrikker skal skrues ved hjælp af en momentnøgle for at sikre tilspændingsmomentet.
- Der skal anvendes en stærk lim til fastgørelse af møtrikkerne.
- For hver montage skal forankringsplade 1 og 2 være parallelle.
- Placer forankringspunktet på et sted på konstruktionen, om muligt lige over en bjælke i forbindelse med anvendelse på stige.

1/ Rektangulær struktur



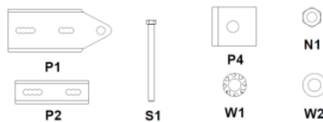
1 x Momentnøgle 17 til kontrol af tilspændingsmomentet

VEJLEDNING TIL  
SAMLING  
C

# AN801UNI/MONTERING – Nedre fastgørelse

Montering af nedre fastgørelse AN801UNI skal finde sted på samme måde som den øvre forankring AN801UNI

Elementbestanddele af AN801UNI



- 1 x P1: Forankringsplade 1
- 1 x P2: Forankringsplade 2
- 2 x S1: Bolt 12 x160mm
- 4 x W1: Selvblokerende underlagsskiver D12
- 4 x W2: Underlagsskive D12
- 6 x N1: Møtrik M12

Værktøj til montering



- 1 x Nøgle 19
- 1 x momentnøgle 19

1 x Momentnøgle 17 til kontrol af tilspændingsmomentet

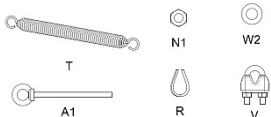
Anbefalinger

- Samme procedure som øvre forankring AN801UNI
- Det er påbudt omhyggeligt at følge den montage, der er beregnet til hver type konstruktion
- Alle bolte/møtrikker skal skrues ved hjælp af en momentnøgle for at sikre tilspændingsmomentet.
- Der skal anvendes en stærk lim til fastgørelse af møtrikkerne.
- For hver montage skal forankringsplade 1 og 2 være parallelle.
- Placer forankringspunktet på et sted på konstruktionen, om muligt lige over en bjælke i forbindelse med anvendelse på stige, om muligt precis ovenfor ett steg vid anvendning på stige

VEJLEDNING TIL  
SAMLING  
D

# AN801TEN/SAMLING

## Bestanddele I tilspændingsmomentet



- P6 : Plade skaftplacering  
 1 x T : Spændingsfjeder  
 2 x N1 : Møtrik M12  
 1 x A1 : Forankringsskrue M12  
 1 x W2 : Underlagsskive D12  
 2 x V : Kabelstrammere  
 1 x R : Kabelsko

## Værktøj til montering



- 1 x Nøgle 13  
 1 x Nøgle 17  
 2 x Nøgle 19  
 1 x Knibtang  
 1 x Selvklæbende  
 bånd

1 x Momentnøgle 17 til kontrol af tilspændingsmomentet

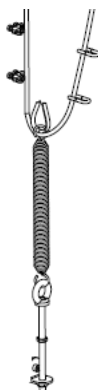
## Anbefalinger

- Alle bolte/møtrikker skal skrues ved hjælp af en momentnøgle for at sikre tilspændingsmomentet.
- Der skal anvendes en stærk lim til fastgørelse af møtrikkerne.
- Fortsæt med placering af tilspændingssystemet AN801TEN på den nedre fastgørelse AN801UNI, som allerede er på plads.
- Positionspladen P6 på T-fjederens slingrestang skal være fastgjort til den nedre fastgørelse AN801UNI ved hjælp af boltelementerne M16 og møtrik M16.

## Montering af tilspændingssystem



Udfør 4 omgange



Kabelstrammerskrue på den aktive trådside

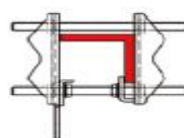
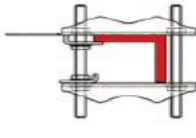
30 daN

## EKSEMPEL PÅ ANVENDELSE (for standardproducter)

Les supports en L:

L1max=160mm

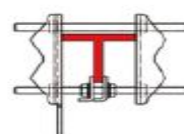
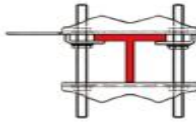
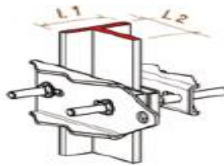
L2max=94mm



Les supports en T:

L1max=160mm

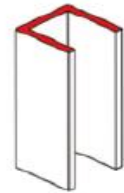
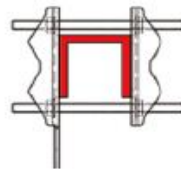
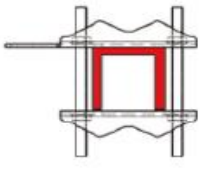
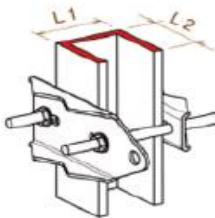
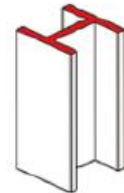
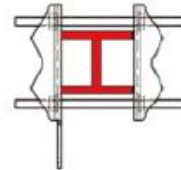
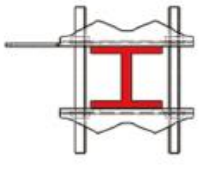
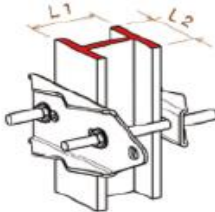
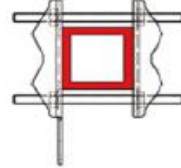
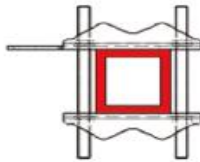
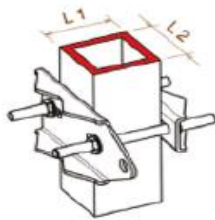
L2max=94mm



Les supports Rectangulaires:

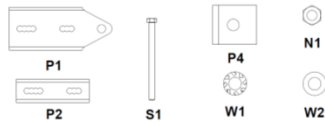
L1max=160mm

L2max=94mm



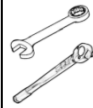
## AN801UNI/ASENNUS - Yläankkurointi

## Osat AN801UNI



1 x P1: Ankkurointilevy 1  
 1 x P2: Ankkurointilevy 2  
 2 x S1: Pultti 12 x160mm  
 4 x W1: Itselukittuvat aluslevyt D12  
 4 x W2: Aluslevy D12  
 6 x N1: Mutteri M12

## Asennustyökalut

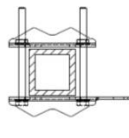


1 x työkaluvain 19  
 1 x momenttiavaimen 19

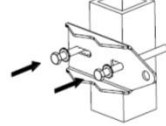
## Suositukset

- Asennustyöt on suoritettava huolellisesti rakennetyyppikohtaisia ohjeita noudattaen.
- Ruuvien/mutterien kiristyksessä on oikeiden kiristymomenttien varmistamiseksi käytettävä aina momenttiavainta.
- Mutterit voidaan varmistaa lukitteella.
- Ankkurointilevyjen 1 ja 2 on oltava samansuuntaiset kaikissa asennuksissa.
- Sijoita ankkurointipiste mahdollisimman tukevaan rakennekohtaan.

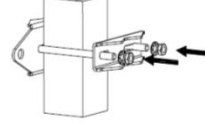
## 1/ Suorakulmainen rakenne



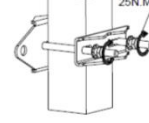
A1.1



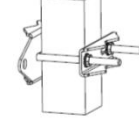
A1.2



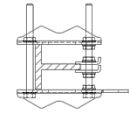
A1.3



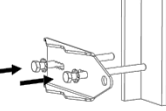
A1.4



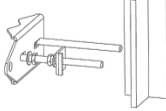
## 2/ T-rakenne



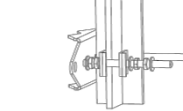
A2.1.1



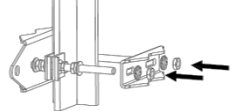
A2.1.2



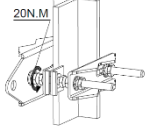
A2.1.3



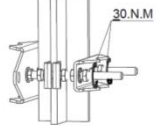
A2.1.4



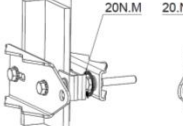
A2.1.5



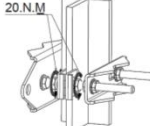
A2.1.6



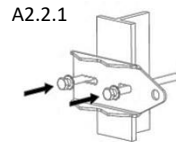
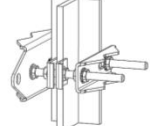
A2.1.7



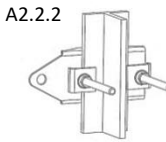
A2.1.8



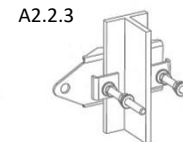
A2.1.9



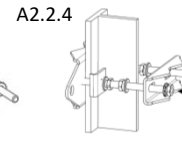
A2.2.1



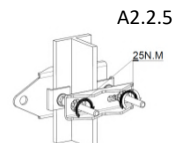
A2.2.2



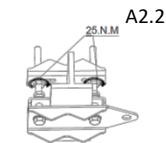
A2.2.3



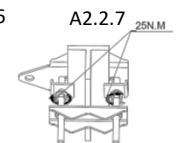
A2.2.4



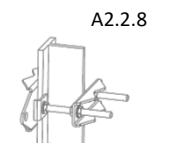
A2.2.5



A2.2.6



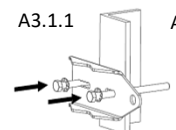
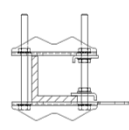
A2.2.7



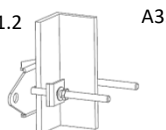
A2.2.8

1 x momenttiavaimen 17  
 kiristysmomenttien tarkastusta  
 varten

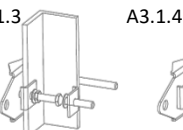
## 2/ L-rakenne



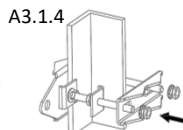
A3.1.1



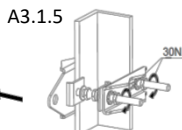
A3.1.2



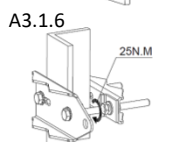
A3.1.3



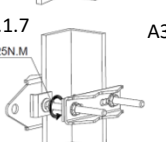
A3.1.4



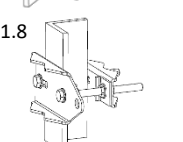
A3.1.5



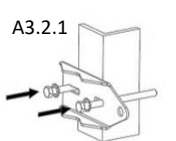
A3.1.6



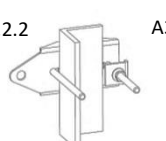
A3.1.7



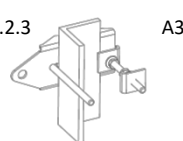
A3.1.8



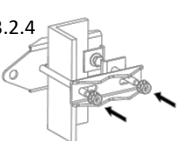
A3.2.1



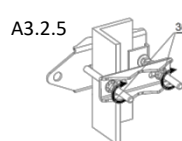
A3.2.2



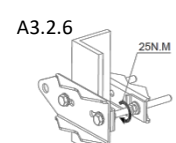
A3.2.3



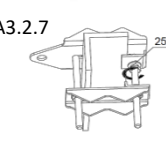
A3.2.4



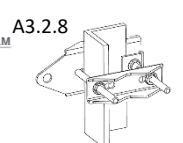
A3.2.5



A3.2.6



A3.2.7



A3.2.8

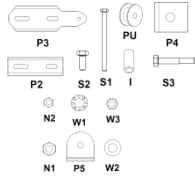
1 x momenttiavaimen 17  
 kiristysmomenttien tarkastusta  
 varten

## ASENNUSOHJE

B

# AN802/AENNUS

### Osat AN801UNI



1 x P3: Kiinnityslevy  
 1 x P2: Ankkurointilevy  
 2 x P4: Pieni ankkurointilevy  
 1 x P5: Jousilevy  
 2 x S1: Pultti M12 x 160mm  
 1 x S2: Pultti M8 x 20mm  
 1 x S3: Pultti M8x45mm  
 4 x W1: Itselukittuva aluslevy D12  
 4 x W2: Aluslevy D12  
 6 x N1: Mutteri M12

### Asennustyökalut

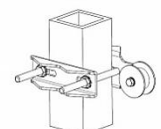
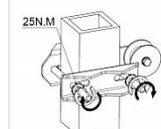
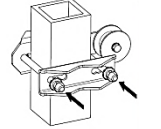
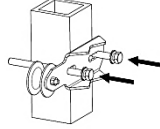
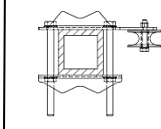


1 x työkaluvain 13  
 1 x työkaluvain 19  
 1 x momenttiavaimen 19  
 1 x kuusiokoloavain, koko 6

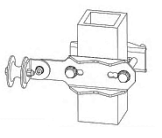
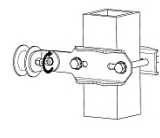
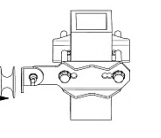
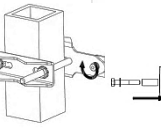
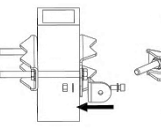
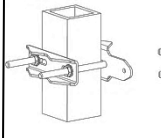
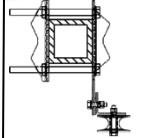
### Suosituks

- Menettely sama kuin AN801UNI-yläankkurointiasennuksessa.
- Asennustyöt on suoritettava huolellisesti rakennetyyppikohtaisia ohjeita noudattaen.
- Ruuvien/mutterien kiristyksessä on oikeiden kiristymomenttien varmistamiseksi käytettävä aina momenttiavainta.
- Mutterit voidaan varmistaa lukitteella.
- Ankkurointilevyjen P2 ja P3 on oltava samansuuntaiset kaikissa asennuksissa.
- Sijoita ankkurointipiste mahdollisimman tukevaan rakennekohtaan.

### 1/ Suorakulmainen rakenne



1 x momenttiavaimen 17 kiristysmomenttien tarkastusta varten



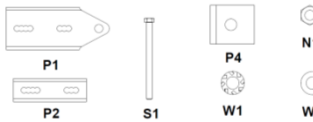
## ASENNUSOHJE

C

# AN801UNI/KOKOONPANO – Ala-ankkurointi

Toimi AN801UNIn ala-ankkurointiasennuksessa samoin kuin AN801UNI-yläankkurointiasennuksessa.

### Osat AN801UNI



1 x P1: Ankkurointilevy 1  
 1 x P2: Ankkurointilevy 2  
 2 x S1: Pultti 12 x 160mm  
 4 x W1: Itselukittuvat aluslevyt D12  
 4 x W2: Aluslevy D12  
 6 x N1: Mutteri M12

### Asennustyökalut



1 x työkaluvain 19  
 1 x momenttiavaimen 19

1 x momenttiavaimen 17 kiristysmomenttien tarkastusta varten

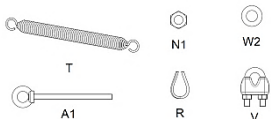
### Suosituks

- Menettely sama kuin AN801UNI-yläankkurointiasennuksessa
- Asennustyöt on suoritettava huolellisesti rakennetyyppikohtaisia ohjeita noudattaen.
- Ruuvien/mutterien kiristyksessä on oikeiden kiristymomenttien varmistamiseksi käytettävä aina momenttiavainta.
- Mutterit voidaan varmistaa lukitteella.
- Ankkurointilevyjen 1 ja 2 on oltava samansuuntaiset kaikissa asennuksissa.
- Sijoita ankkurointipiste mahdollisimman tukevaan rakennekohtaan.

ASENNUSOHJE  
D

## AN801TEN/ASENNUS

### Kiristysjärjestelmän osat



P6 : Tapin kohdistuslevy  
 1 x T : Kiristysjousi  
 2 x N1 : Mutteri M12  
 1 x A1 : Ankkurointiruuvi M12  
 1 x W2: Aluslevy D12  
 2 x V : Vaijerinkiristin  
 1 x R : Koussi

### Asennustyökalut



1 x työkaluvain 13  
 1 x työkaluvain 17  
 2 x työkaluvain 19  
 1 x hohtimet  
 1 x teippi

### Suosituksset

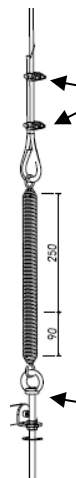
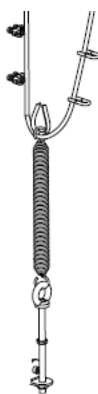
- Ruuvien/mutterien kiristyksessä on oikeiden kiristymomenttien varmistamiseksi käytettävä aina momenttiavainta.
- Mutterit voidaan varmistaa lukitteella.
- Asenna kiristysjärjestelmä AN801TEN jo paikallaan olevaan AN801UNI-ala-ankkurointiinnitykseen.
- Jousen T kiristystapin kohdistuslevy P6 on kiinnitettävä AN801UNI-alkiinnikkeeseen pultin M16 ja mutterin M16 avulla.

1 x momenttiavaimen 17  
 kiristysmomenttien tarkastusta  
 varten

### Kiristysjärjestelmän asennus



Kierrä 4 kierrosta



Vaijerinkiristimen ruuvit, aktiivinen puoli

30 daN

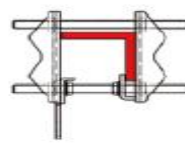
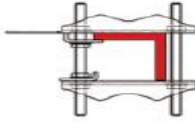


# KÄYTTÖESIMERKKI (vakiotuotteille)

Les supports en L:

L1max=160mm

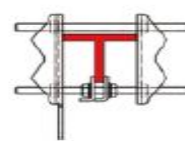
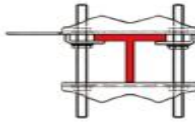
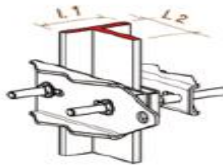
L2max=94mm



Les supports en T:

L1max=160mm

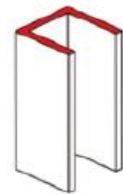
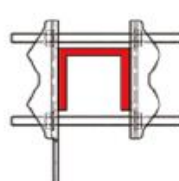
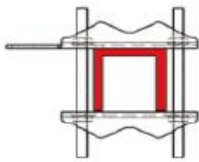
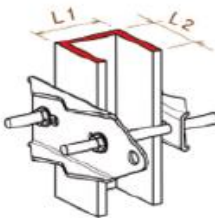
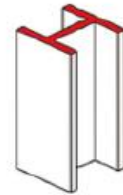
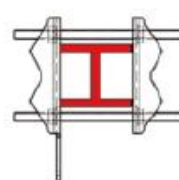
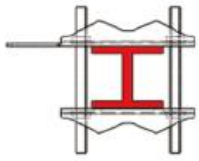
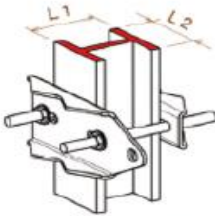
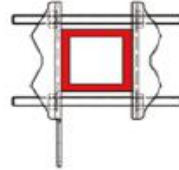
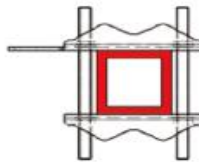
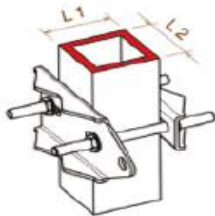
L2max=94mm



Les supports Rectangulaires:

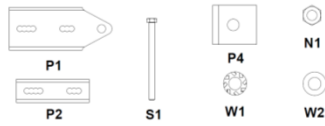
L1max=160mm

L2max=94mm



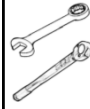
# AN801UNI/MONTÁŽ - Horná kotviaca konzola

## Prvky zostavy AN801UNI



- 1 x P1: Kotviaca doska 1
- 1 x P2: Kotviaca doska 2
- 2 x S1: Svorník 12 x160mm
- 4 x W1: Samopoistné podložky D12
- 4 x W2: Podložka D12
- 6 x N1: Matica M12

## Montážne nástroje

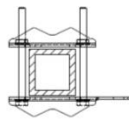


- 1 x kľúč číslo 19
- 1 x dynamometrického kľúča 19

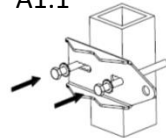
## Odporúčania

- Je nevyhnutné dôkladne dodržiavať montážny návod špecifický pre každý typ konštrukcie
- Všetky svorníky/matice sa musia utáňovať pomocou dynamometrického kľúča za účelom použitia správneho utáňovacieho momentu.
- Na upevnenie matic sa môže používať silné lepidlo.
- Pri každej montáži musia byť kotviace dosky 1 a 2 paralelné.
- Kotviaci bod umiestnite na bezpečné miesto konštrukcie, ak je to možné, tak nad tyčku pri používaní rebríka.

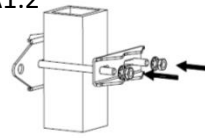
### 1/ Obdĺžniková konštrukcia



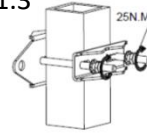
A1.1



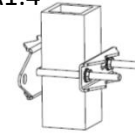
A1.2



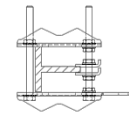
A1.3



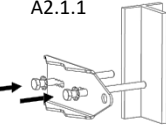
A1.4



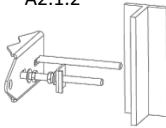
### 2/ Konštrukcia v tvare T



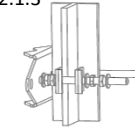
A2.1.1



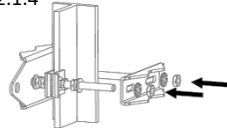
A2.1.2



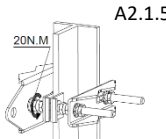
A2.1.3



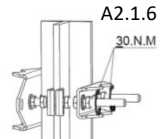
A2.1.4



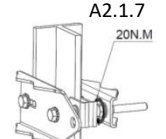
A2.1.5



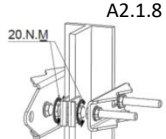
A2.1.6



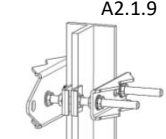
A2.1.7



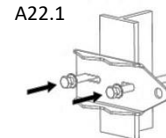
A2.1.8



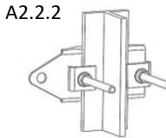
A2.1.9



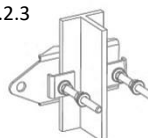
A2.2.1



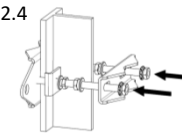
A2.2.2



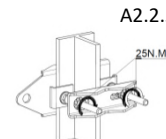
A2.2.3



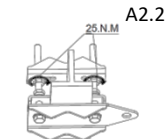
A2.2.4



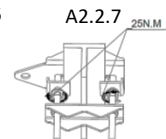
A2.2.5



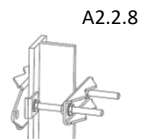
A2.2.6



A2.2.7

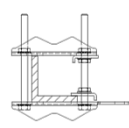


A2.2.8

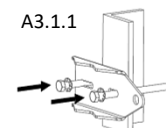


1 x dynamometrického kľúča 17 na overenie utáňovacieho momentu,

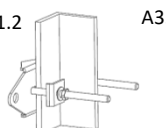
### 3/ Konštrukcia v tvare L



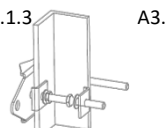
A3.1.1



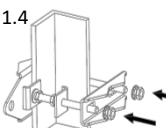
A3.1.2



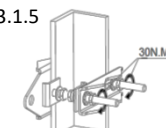
A3.1.3



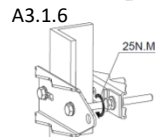
A3.1.4



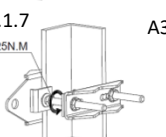
A3.1.5



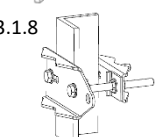
A3.1.6



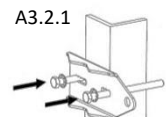
A3.1.7



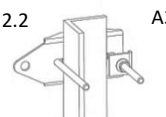
A3.1.8



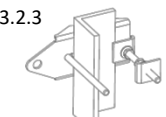
A3.2.1



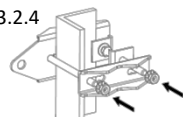
A3.2.2



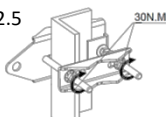
A3.2.3



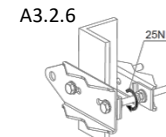
A3.2.4



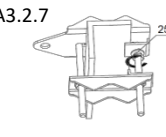
A3.2.5



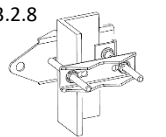
A3.2.6



A3.2.7



A3.2.8

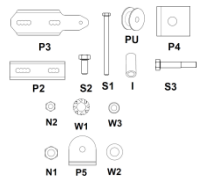


1 x dynamometrického kľúča 17 na overenie utáňovacieho momentu,

## MONTÁŽNY NÁVOD B

# AN802/MONTÁŽ

### Prvky zostavy AN802



- 1 x P3: Upevňovacia doska
- 1 x P2: Kotviaca doska
- 2 x P4: Malá kotviaca doska
- 1 x P5: Doska s pružinou
- 2 x S1: Svorník M12 x 160mm
- 1 x S2: Svorník M8 x 20mm
- 1 x S3: Svorník M8x45mm
- 4 x W1: Samopoistná podložka D12
- 4 x W2: Podložka D12
- 6 x N1: Matica M12

### Montážne nástroje

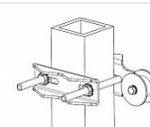
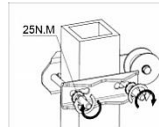
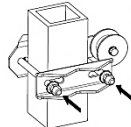
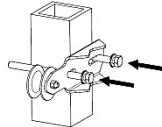
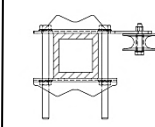
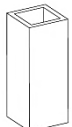


- 1 x kľúč číslo 13
- 1 x kľúč číslo 19
- 1 x dynamometrického kľúča 19
- 1 x imbusový kľúč 6

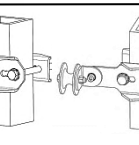
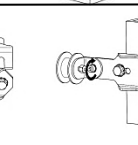
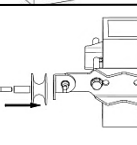
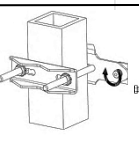
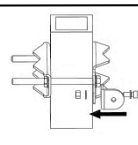
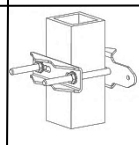
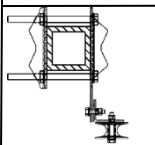
### Odporúčania

- Rovnaký postup ako v prípade hornej konzoly AN801UNI
- Je nevyhnutné dôkladne dodržiavať montážny návod špecifický pre každý typ konštrukcie
- Všetky svorníky/matice sa musia utáhať pomocou dynamometrického kľúča za účelom použitia správneho utahovacieho momentu.
- Na upevnenie matíc sa môže používať silné lepidlo.
- Pri každej montáži musia byť kotviace dosky P2 a P3 paralelné.
- Kotviaci bod umiestnite na bezpečné miesto konštrukcie, ak je to možné, tak nad tyčku pri používaní rebríka.

### 1/ Obdĺžniková konštrukcia



1 x dynamometrického kľúča 17 na overenie utahovacieho momentu,

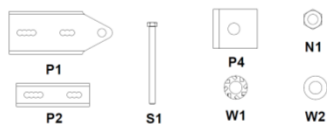


## MONTÁŽNY NÁVOD C

# AN801UNI/MONTÁŽ - Dolná kotviaca konzola

Pri montáži dolnej kotviacej konzoly AN801UNI postupujte rovnako ako pri montáži hornej kotviacej konzoly AN801UNI.

### Prvky zostavy AN801UNI



- 1 x P1: Kotviaca doska 1
- 1 x P2: Kotviaca doska 2
- 2 x S1: Svorník 12 x160mm
- 4 x W1: Samopoistné podložky D12
- 4 x W2: Podložka D12
- 6 x N1: Matica M12

### Montážne nástroje



- 1 x kľúč číslo 19
- 1 x dynamometrického kľúča 19

1 x dynamometrického kľúča 17 na overenie utahovacieho momentu,

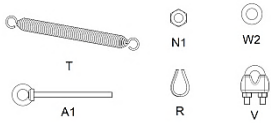
### Odporúčania

- Rovnaký postup ako v prípade hornej konzoly AN801UNI
- Je nevyhnutné dôkladne dodržiavať montážny návod špecifický pre každý typ konštrukcie
- Všetky svorníky/matice sa musia utáhať pomocou dynamometrického kľúča za účelom použitia správneho utahovacieho momentu.
- Na upevnenie matíc sa môže používať silné lepidlo.
- Pri každej montáži musia byť kotviace dosky 1 a 2 paralelné.
- Kotviaci bod umiestnite na bezpečné miesto konštrukcie, ak je to možné, tak nad tyčku pri používaní rebríka.

**MONTÁŽNY  
NÁVOD  
D**

**AN801TEN/MONTÁŽ**

**Prvky napínacieho systému**



P6 : Polohovacia doštička tyčka  
 1 x T : Napínacia pružina  
 2 x N1 : Matica M12  
 1 x A1 : Kotviaca skrutka M12  
 1 x W2 : Podložka D12  
 2 x V : Svoríky na upevnenie lana  
 1 x R : Oko v tvare srdca

**Montážne nástroje**



1 x kľúč číslo 13  
 1 x kľúč číslo 17  
 2 x kľúč číslo 19  
 1 x kliešte  
 1 x lepiaca páska

**Odporúčania**

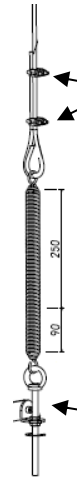
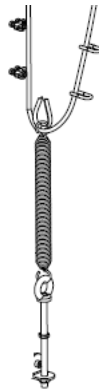
- Všetky svorníky/matice sa musia utáňovať pomocou dynamometrického kľúča za účelom použitia správneho utáňovacieho momentu.
- Na upevnenie matíc sa môže používať silné lepidlo.
- Na namontovanú spodnú konzolu AN801UNI namontujte napínací systém AN801TEN.
- Polohovacia doštička P6 napínacej tyče pružiny T sa musí upevniť na spodnú konzolu AN801UNI pomocou svorníka M16 a matice M16.

1 x dynamometrického kľúča 17 na overenie utáňovacieho momentu,

**Montáž napínacieho systému**



Urobte 4 otáčkys



Skrutky objímok pre lano na strane voľného prameňa

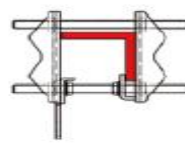
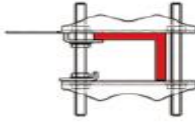
30 daN

## PRÍKLAD POUŽÍVANIA (pre štandardné výrobky)

Les supports en L:

L1max=160mm

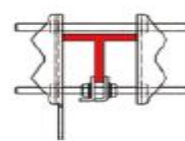
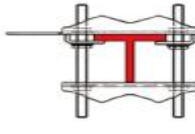
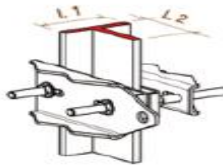
L2max=94mm



Les supports en T:

L1max=160mm

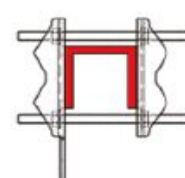
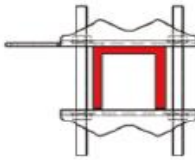
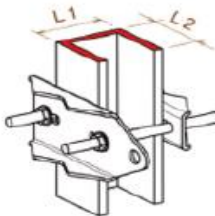
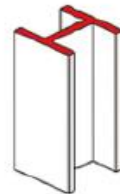
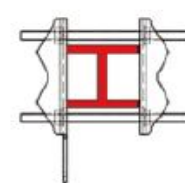
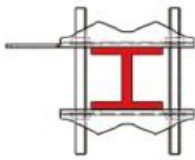
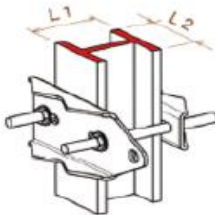
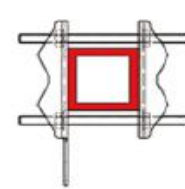
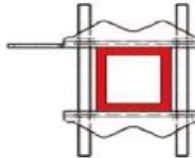
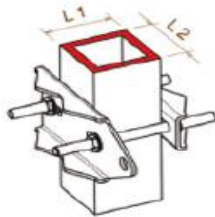
L2max=94mm



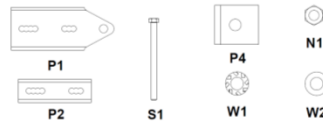
Les supports Rectangulaires:

L1max=160mm

L2max=94mm



Элементы, входящие в состав AN801UNI



- 1 x P1: Анкерная плита 1
- 1 x P2: Анкерная плита 2
- 2 x S1: Болт 12 x 160 мм
- 4 x W1: Стопорные шайбы D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

Инструмент для монтажа

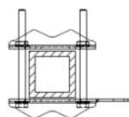


- 1 x ключ на 19
- 1 x динамометрический ключ 19

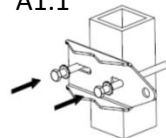
Рекомендации

- Крайне важно тщательно соблюдать инструкции по монтажу, разработанные для каждого типа структур.
- Все болты и гайки необходимо затягивать динамометрическим ключом ввиду обеспечения надлежащего момента затяжки.
- Для фиксации гаек можно использовать крепкий клей.
- При любом виде монтажа анкерные плиты 1 и 2 должны находиться параллельно друг к другу.
- Установить точку анкерного крепления на надежном месте структуры, по возможности немного выше перекладины лестницы, в случае использования таковой.

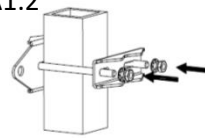
1/ Прямоугольная структура



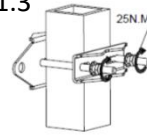
A1.1



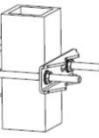
A1.2



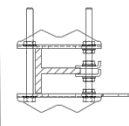
A1.3



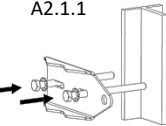
A1.4



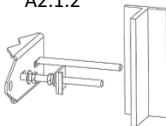
2/ Т-образная структура



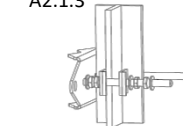
A2.1.1



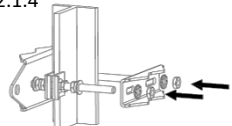
A2.1.2



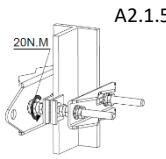
A2.1.3



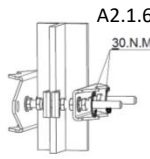
A2.1.4



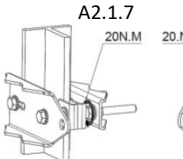
A2.1.5



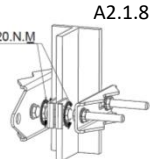
A2.1.6



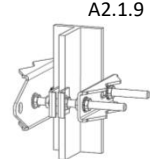
A2.1.7



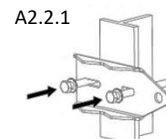
A2.1.8



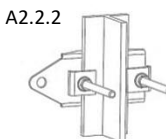
A2.1.9



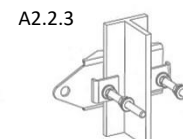
A2.2.1



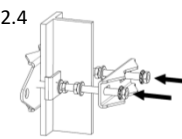
A2.2.2



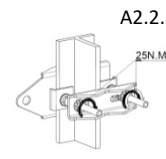
A2.2.3



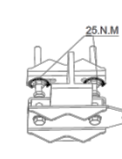
A2.2.4



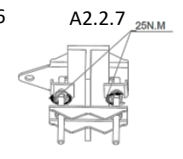
A2.2.5



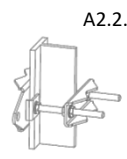
A2.2.6



A2.2.7

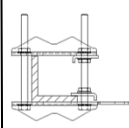


A2.2.8

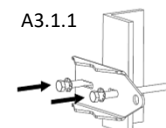


1 x динамометрический ключ 17 для проверки момента затяжки

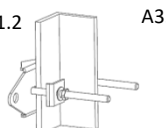
3/ L-образная структура



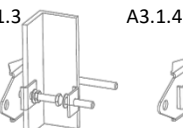
A3.1.1



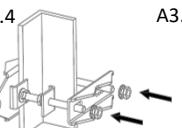
A3.1.2



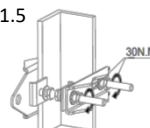
A3.1.3



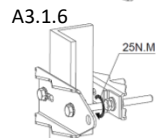
A3.1.4



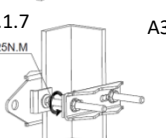
A3.1.5



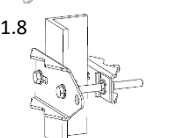
A3.1.6



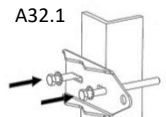
A3.1.7



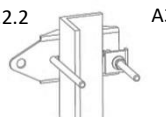
A3.1.8



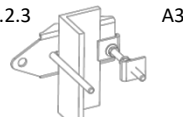
A3.2.1



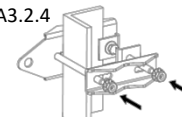
A3.2.2



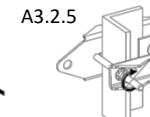
A3.2.3



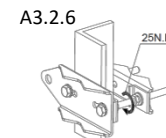
A3.2.4



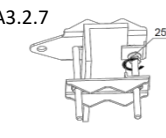
A3.2.5



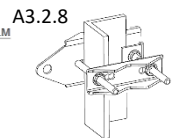
A3.2.6



A3.2.7



A3.2.8



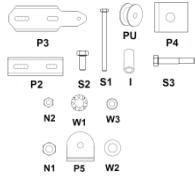
1 x динамометрический ключ 17 для проверки момента затяжки



**РУКОВОДСТВО  
ПО СБОРКЕ  
В**

**AN802/СБОРКА**

**Элементы, входящие в состав AN802**



- 1 x P3: Установочная плита
- 1 x P2: Анкерная плита
- 2 x P4: Маленькая анкерная плита
- 1 x P5: Пружинная пластина
- 2 x S1: Болт M12 x 160 мм
- 1 x S2: Болт M8 x 20 мм
- 1 x S3: Болт M8 x 45 мм
- 4 x W1: Стопорная шайба D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

**Инструмент для монтажа**

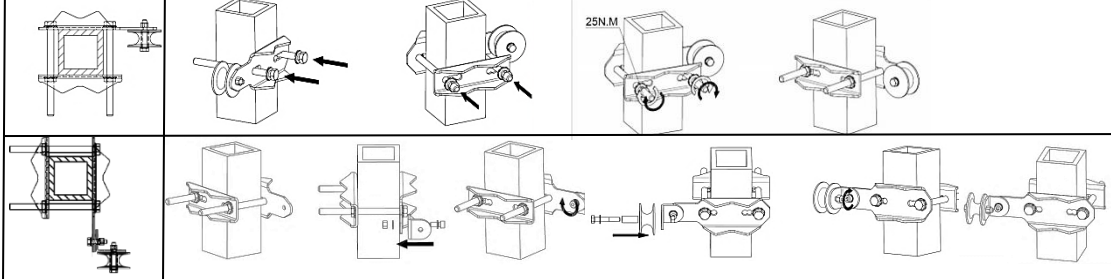


- 1 x ключ на 13
- 1 x ключ на 19
- 1 x динамометрический ключ 19
- 1 x шестигранный ключ на 6

**Рекомендации**

- Тот же порядок действий, что и для верхнего AN801UNI.
- Крайне важно тщательно соблюдать инструкции по монтажу, разработанные для каждого типа структур.
- Все болты и гайки необходимо затягивать динамометрическим ключом ввиду обеспечения надлежащего момента затяжки.
- Для фиксации гаек можно использовать крепкий клей.
- При любом виде монтажа анкерные плиты P2 и P3 должны находиться параллельно друг к другу.
- Установить точку анкерного крепления на надежном месте структуры, по возможности немного выше перекладины лестницы, в случае использования таковой.

**1/ Прямоугольная структура**



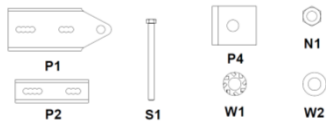
1 x динамометрический ключ 17 для проверки момента затяжки

**РУКОВОДСТВО  
ПО СБОРКЕ  
С**

**AN801UNI/СБОРКА - Нижнее крепление**

При установке нижнего крепления AN801UNI соблюдать тот же порядок действий, что и для верхнего анкерного крепления AN801UNI.

**Элементы, входящие в состав AN801UNI**



- 1 x P1: Анкерная плита 1
- 1 x P2: Анкерная плита 2
- 2 x S1: Болт 12 x 160 мм
- 4 x W1: Стопорные шайбы D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

**Инструмент для монтажа**



- 1 x ключ на 19
- 1 x динамометрический ключ 19

1 x динамометрический ключ 17 для проверки момента затяжки

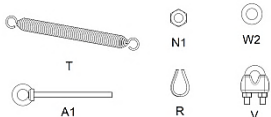
**Рекомендации**

- Тот же порядок действий, что и для верхнего анкерного крепления AN801UNI.
- Крайне важно тщательно соблюдать инструкции по монтажу, разработанные для каждого типа структур.
- Болт и гайку необходимо затягивать динамометрическим ключом ввиду обеспечения надлежащего момента затяжки.
- Для фиксации гаек можно использовать крепкий клей.
- При любом виде монтажа анкерные плиты 1 и 2 должны находиться параллельно друг к другу.
- Установить точку анкерного крепления на надежном месте структуры, по возможности немного выше перекладины лестницы, в случае использования таковой.



## AN801TEN/СБОРКА

### Элементы, входящие в состав натяжной системы



Р6 : Установочная пластина стержень  
 1 x T : Натяжная пружина  
 2 x N1 : гайка M12  
 1 x A1 : Анкерный шуруп M12  
 1 x W2: шайба D12  
 2 x V : Тросовые зажимы  
 1 x R : Тросовый коуш

### Инструмент для монтажа



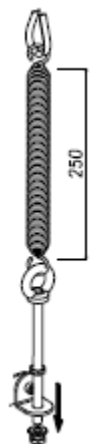
1 x ключ на 13  
 1 x ключ на 17  
 2 x ключ на 19  
 1 x клещи  
 1 x клейкая лента

### Рекомендации

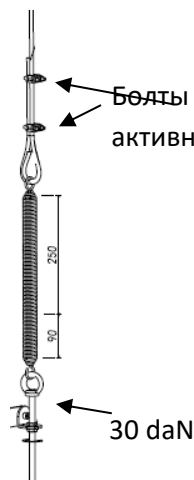
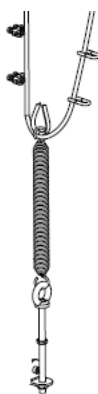
- Все болты и гайки необходимо затягивать динамометрическим ключом ввиду обеспечения надлежащего момента затяжки.
- Для фиксации гаек можно использовать крепкий клей.
- Приступить к установке натяжной системы AN801TEN на уже установленном нижнем креплении AN801UNI.
- Установочную пластину Р6 натяжного стержня пружины Т необходимо закрепить на нижнем креплении AN801UNI с помощью болта M16 и гайки M16.

1 x динамометрический ключ 17  
 для проверки момента затяжки

### Установка натяжной системы



Прокрутить 4  
раза



Боты тросовых зажимов с  
активной стороны троса

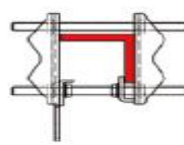
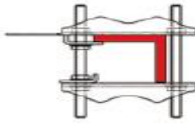
30 daN

ПРИМЕР ЭКСПЛУАТАЦИИ (для стандартных изделий)

Les supports en L:

L1max=160mm

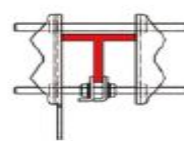
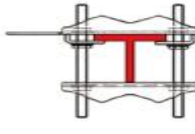
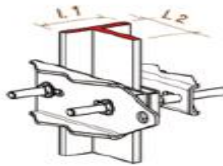
L2max=94mm



Les supports en T:

L1max=160mm

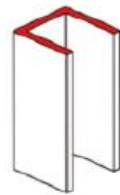
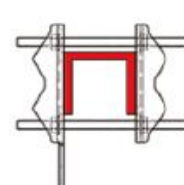
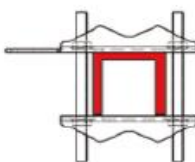
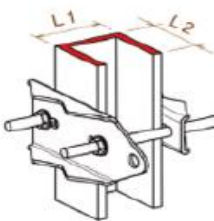
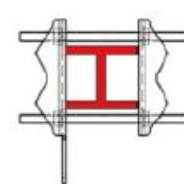
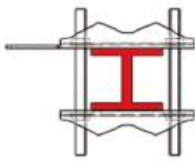
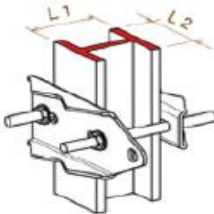
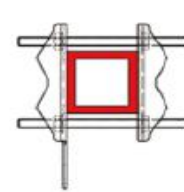
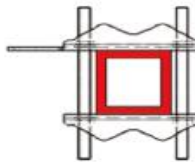
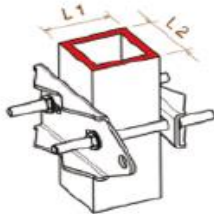
L2max=94mm



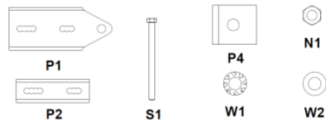
Les supports Rectangulaires:

L1max=160mm

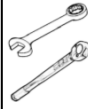
L2max=94mm



AN801UNI koostiselemendid



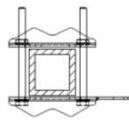
Paigaldamise tööriistad



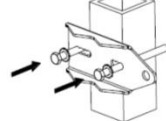
Soovitused

- Tingimata tuleb hoolikalt järgida igat tüüpi struktuuri puhul soovitatud kokkupanemist
- Kõik poldid/mutrid tuleb kinni keerata dünamomeetervõtmega, et tagada jõumoment.
- Mutrite kinnitamiseks võib kasutada tugevat liimi.
- Iga kokkupanemise korral peavad ankurdusplaadid 1 ja 2 olema paralleelsed.
- Asetage ankrupunkt struktuuri kindlale kohale, võimaluse korral otse tala kohale redelil kasutamise korral

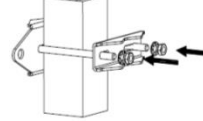
1/ Kandiline struktuur



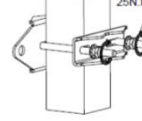
A1.1



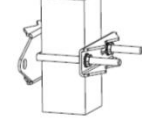
A1.2



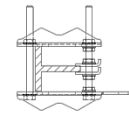
A1.3



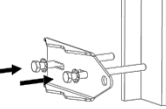
A1.4



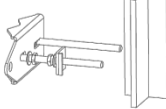
2/ T-struktuur



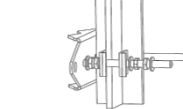
A2.1.1



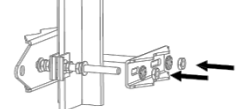
A2.1.2



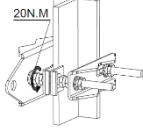
A2.1.3



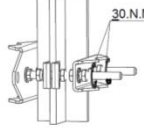
A2.1.4



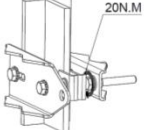
A2.1.5



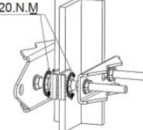
A2.1.6



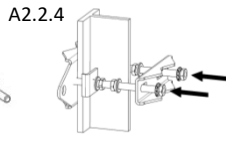
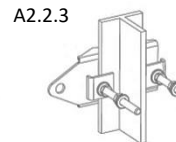
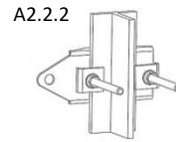
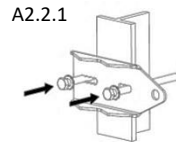
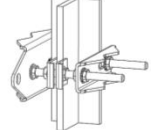
A2.1.7



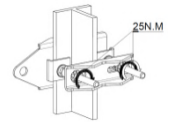
A2.1.8



A2.1.9



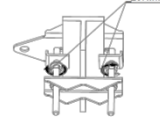
A2.2.5



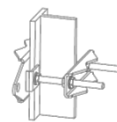
A2.2.6



A2.2.7

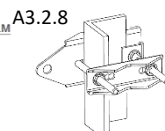
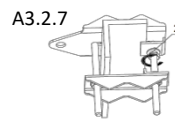
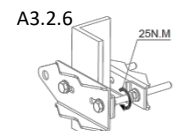
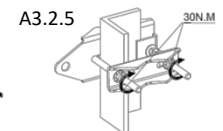
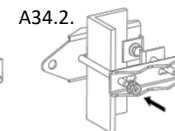
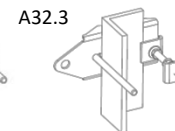
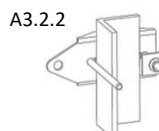
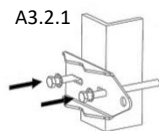
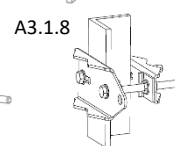
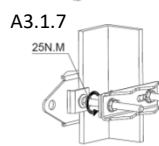
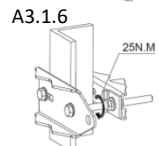
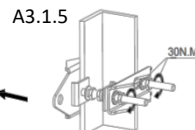
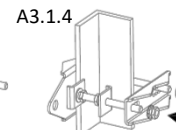
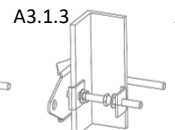
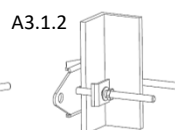
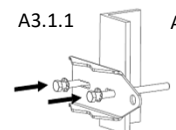
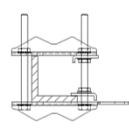


A2.2.8



1 x dünamomeetervõtmega 17, kontrollida kinnikeeramise jõumomente

3/ L-struktuur

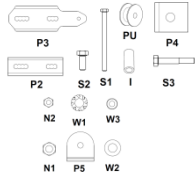


1 x dünamomeetervõtmega 17, kontrollida kinnikeeramise jõumomente

KOKKUPANEMISJ  
UHEND  
B

# AN802/KOKKUPANEMINE

AN802 koostiselemendid



- 1 x P3: Kinnitusplaat
- 1 x P2: Ankurdusplaat
- 2 x P4: Väike ankurdusplaat
- 1 x P5: Vedruplaat
- 2 x S1: Polt M12 x 160mm
- 1 x S2: Polt M8 x 20mm
- 1 x S3: Polt M8x45mm
- 4 x W1: Iselukustuv seib D12
- 4 x W2: Seib D12
- 6 x N1: Mutter M12

Paigaldamise tööriistad

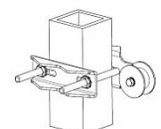
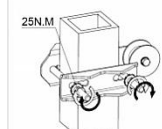
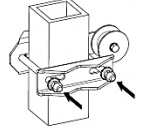
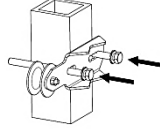
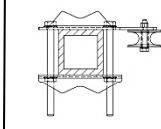


- 1 x mutrivõti nr 13
- 1 x mutrivõti nr 19
- 1 x dünamomeetervõt mega 19
- 1 x kuuskantsesapea kruvi võti 6

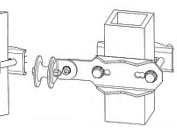
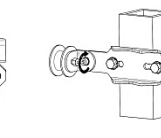
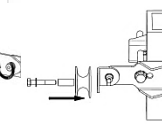
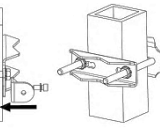
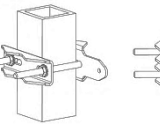
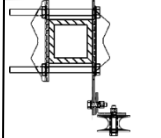
Soovitused

- Sama menetlus mis AN801UNI puhul eespool
- Tingimata tuleb hoolikalt järgida igat tüüpi struktuuri puhul soovitatud kokkupanemist
- Kõik poldid/mutrid tuleb kinni keerata dünamomeetervõtmega, et tagada jõumoment.
- Mutrite kinnitamiseks võib kasutada tugevat liimi.
- Iga kokkupanemise korral peavad ankurdusplaadid P2 ja P3 olema paralleelsed.
- Asetage ankrupunkt struktuuri kindlale kohale, võimaluse korral otse tala kohale redelil kasutamise korral

1/ Kandiline struktuur



1 x dünamomeetervõtmega 17, kontrollida kinnikeeramise jõumomente

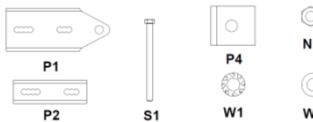


KOKKUPANEMISJ  
UHEND  
C

# AN801UNI/KOKKUPANEMINE – Alumine kinnitus

Alumise kinnituse AN801UNI paigaldamiseks toimige samamoodi nagu ülemise kinnituse AN801UNI puhul

AN801UNI koostiselemendid



- 1 x P1: Ankurdusplaat 1
- 1 x P2: Ankurdusplaat 2
- 2 x S1: Polt 12 x160mm
- 4 x W1: Iselukustuvad seibid D12
- 4 x W2: Seib D12
- 6 x N1: Mutter M12

Paigaldamise tööriistad



- 1 x mutrivõti nr 19
- 1 x dünamomeetervõt mega 19

1 x dünamomeetervõtmega 17, kontrollida kinnikeeramise jõumomente

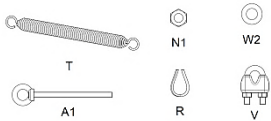
Soovitused

- Sama menetlus mis ülemise ankurdusvahendi AN801UNI puhul
- Tingimata tuleb hoolikalt järgida igat tüüpi struktuuri puhul soovitatud kokkupanemist
- Kõik poldid/mutrid tuleb kinni keerata dünamomeetervõtmega, et tagada jõumoment.
- Mutrite kinnitamiseks võib kasutada tugevat liimi.
- Iga kokkupanemise korral peavad ankurdusplaadid 1 ja 2 olema paralleelsed.
- Asetage ankrupunkt struktuuri kindlale kohale, võimaluse korral otse tala kohale redelil kasutamise korral

**KOKKUPANEMIS  
JUHEND  
D**

**AN801TEN/KOKKUPANEMINE**

**Pingutussüsteemi koostiselemendid**



- P6 : Pinge kruvi asendi plaat  
 1 x T : Pingutus vedru  
 2 x N1 : Mutter M12  
 1 x A1 : Ankuruskruvi M12  
 1 x W2: Seib D12  
 2 x V : Kaabli klambri  
 1 x R : Südamekujuline trossisilmus

**Paigaldamise tööriistad**



- 1 x mutrivõti nr 13  
 1 x mutrivõti nr 17  
 2 x mutrivõti nr 19  
 1 x kaabliõietangid  
 1 x kleeplint

**Soovitused**

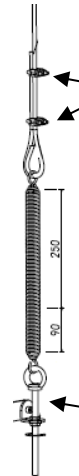
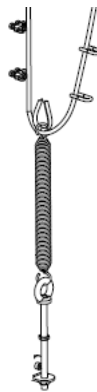
- Kõik poldid/mutrid tuleb kinni keerata dünamomeetervõtme, et tagada jõumoment.
- Mutrite kinnitamiseks võib kasutada tugevat liimi.
- Paigaldage kohale pingutussüsteem AN801TEN juba paigaldatud alumisele kinnitusele AN801UNI.
- Vedru T pingekruvi asendi plaat P6 tuleb kinnitada alumise kinnituse AN801UNI külge elementide polt M16 ja mutter M16 abil.

1 x dünamomeetervõtme 17, kontrollida kinnikeeramise jõumomente

**Pingutussüsteemi paigaldamine**



Keerata 4 ringi



Aktiivse ehk koormusepoole kaablisa kaabli klambri kruvid

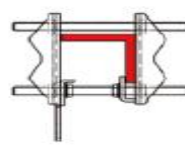
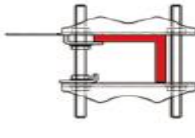
30 daN

## KASUTUSNÄIDE (standardtoodete puhul)

Les supports en L:

L1max=160mm

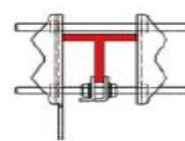
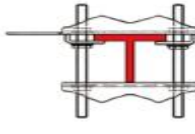
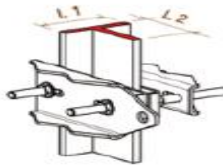
L2max=94mm



Les supports en T:

L1max=160mm

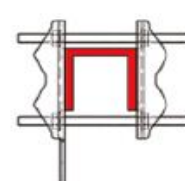
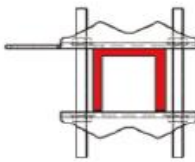
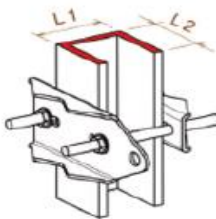
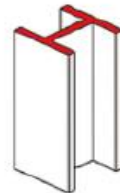
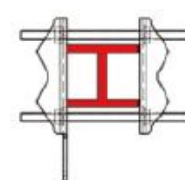
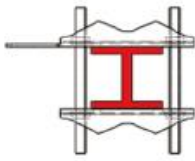
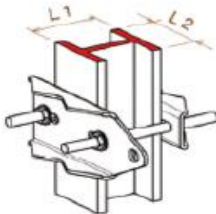
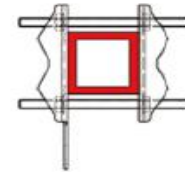
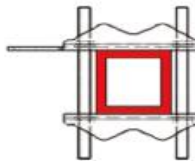
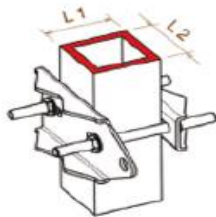
L2max=94mm



Les supports Rectangulaires:

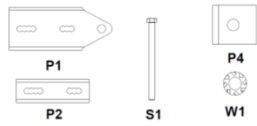
L1max=160mm

L2max=94mm



# AN801UNI/MONTAŽA – zgornje sidrišče

## Sestavni deli sidrišča AN801UNI



- 1 x P1: sidrna plošča 1
- 1 x P2: sidrna plošča 2
- 2 x S1: vijak 12 x160mm
- 4 x W1: varovalne podložke, ki preprečujejo samodejno odvitje D12
- 4 x W2: Podložka D12
- 6 x N1: Matica M12

## Orodja za namestitev

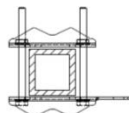


- 1 x ključ št.19
- 1 x dinamometričnim ključem 19

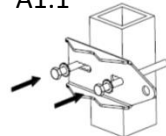
## Priporočila

- Obvezno morate previdno slediti postopku montaže, ki je priporočen za posamezno vrsto konstrukcije
- Vse vijake/matice je treba priviti z navornim ključem, da se zagotovi pravi vrtilni moment.
- Za pritrditev matic se lahko uporabi tudi močno lepilo.
- Pri vseh vrstah montaže morata biti sidrni plošči 1 in 2 vzporedni.
- Namestite sidrno točko na določeno mesto na konstrukciji, po možnosti tik nad prečno, če boste na primer uporabili lestev

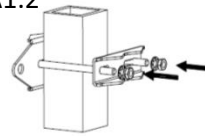
### 1/ Pravokotna konstrukcija



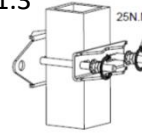
A1.1



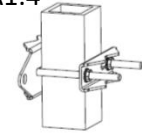
A1.2



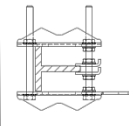
A1.3



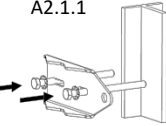
A1.4



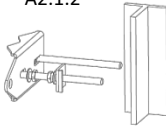
### 3/ Konstrukcija v obliki črke T



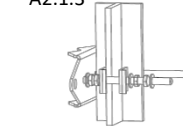
A2.1.1



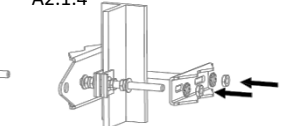
A2.1.2



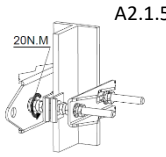
A2.1.3



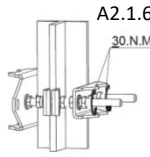
A2.1.4



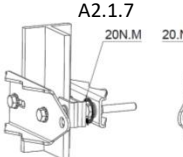
A2.1.5



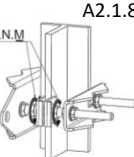
A2.1.6



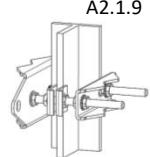
A2.1.7



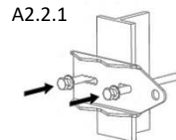
A2.1.8



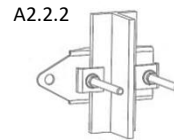
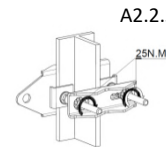
A2.1.9



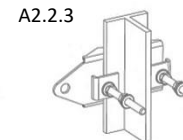
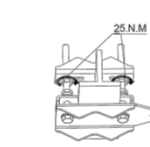
1 x dinamometričnim ključem 17 za preverjanje vrtilnih momentov



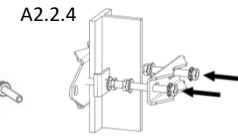
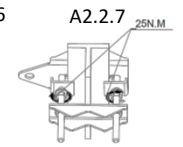
A2.2.5



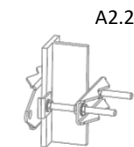
A2.2.6



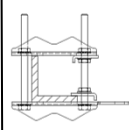
A2.2.7



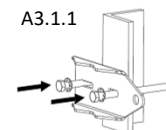
A2.2.8



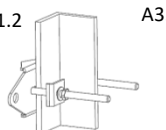
### 4/ Konstrukcija v obliki črke L



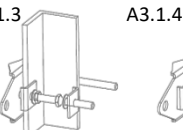
A3.1.1



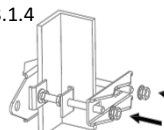
A3.1.2



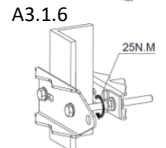
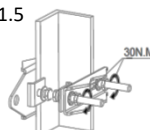
A3.1.3



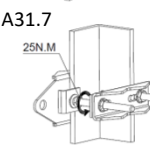
A3.1.4



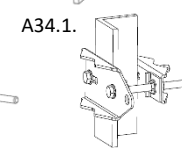
A3.1.5



A3.1.6

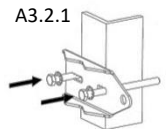


A3.1.7

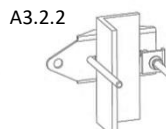
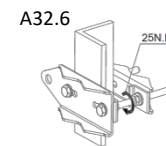


A3.1.8

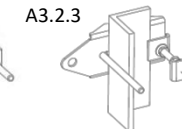
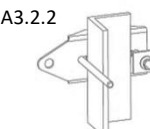
1 x dinamometričnim ključem 17 za preverjanje vrtilnih momentov



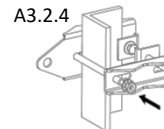
A3.2.6



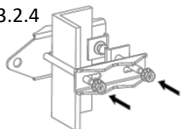
A3.2.2



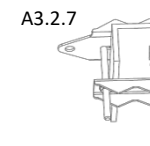
A3.2.3



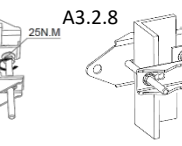
A3.2.4



A3.2.5



A3.2.7



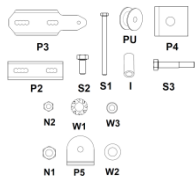
A3.2.8



## NAVODILA ZA MONTAŽO B

# AN802/MONTAŽA

### Sestavni deli AN802



1 x P3: pritržilna plošča  
1 x P2: sidrna plošča  
2 x P4: majhna sidrna plošča  
1 x P5: plošča za vzmet  
2 x S1: vijak M12 x 160mm  
1 x S2: vijak M8 x 20mm  
1 x S3: vijak M8x45mm  
4 x W1: varovalna podložka, ki preprečuje samodejno odvitje D12  
4 x W2: Podložka D12  
6 x N1: Matica M12

### Orodja za namestitvev

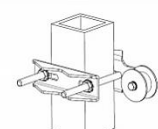
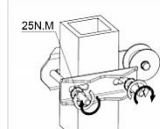
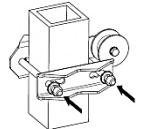
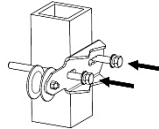
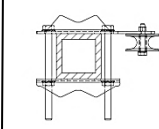


1 x ključ št.13  
1 x ključ št.19  
1 x  
dinamometričnim  
ključem 19  
1 x imbus ključ  
velikosti 6

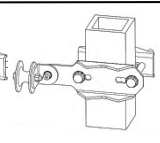
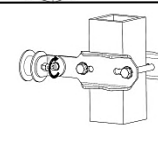
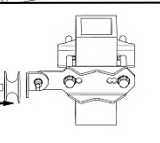
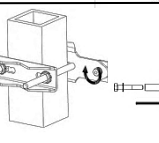
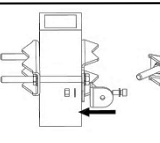
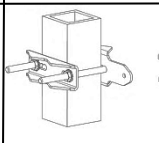
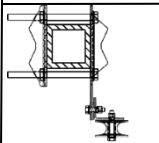
### Priporočila

- Enak postopek kot za zgornje sidrišče AN801UNI
- Obvezno morate previdno slediti postopku montaže, ki je priporočen za posamezno vrsto konstrukcije
- Vse vijake/matice je treba priviti z navornim ključem, da se zagotovi pravi vrtilni moment.
- Za pritrnitev matic se lahko uporabi tudi močno lepilo.
- Pri vseh vrstah montaže morata biti sidrni plošči P1 in P2 vzporedni.
- Namestite sidrno točko na določeno mesto na konstrukciji, po možnosti tik nad prečnico, če boste na primer uporabili lestev

### 1/ Pravokotna konstrukcija



1 x dinamometričnim ključem 17  
za preverjanje vrtilnih momentov

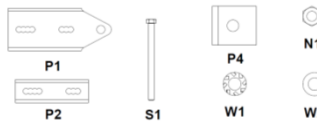


## NAVODILA ZA MONTAŽO C

# AN801UNI/MONTAŽA – spodnje pritrdišče

Spodnje pritrdišče AN801UNI namestite po enakem postopku kot zgornje sidrišče AN801UNI

### Sestavni deli sidrišča AN801UNI



1 x P1: sidrna plošča 1  
1 x P2: sidrna plošča 2  
2 x S1: vijak 12 x160mm  
4 x W1: varovalne podložke, ki preprečujejo samodejno odvitje D12  
4 x W2: Podložka D12  
6 x N1: Matica M12

### Orodja za namestitvev



1 x ključ št.19  
1 x  
dinamometričnim  
ključem 19

1 x dinamometričnim ključem 17  
za preverjanje vrtilnih momentov

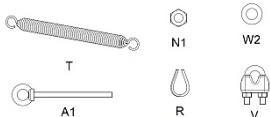
### Priporočila

- Enak postopek kot za zgornje sidrišče AN801UNI
- Obvezno morate previdno slediti postopku montaže, ki je priporočen za posamezno vrsto konstrukcije
- Vse vijake/matice je treba priviti z navornim ključem, da se zagotovi pravi vrtilni moment.
- Za pritrnitev matic se lahko uporabi tudi močno lepilo.
- Pri vseh vrstah montaže morata biti sidrni plošči 1 in 2 vzporedni.
- Namestite sidrno točko na določeno mesto na konstrukciji, po možnosti tik nad prečnico, če boste na primer uporabili lestev

NAVODILA ZA  
MONTAŽO  
D

# AN801TEN/MONTAŽA

## Sestavni deli sistema za napenjanje



P6 : plošča za pozicioniranje droga  
 1 x T : natezna vzmet  
 2 x N1 : Matica M12  
 1 x A1 : sidni vijak M12  
 1 x W2: Podložka D12  
 2 x V : objemke  
 1 x R : spojka

## Orodja za namestitev



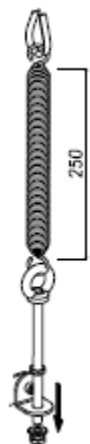
1 x ključ št.13  
 1 x ključ št.17  
 2 x ključ št.19  
 1 x kleščice  
 1 x lepilni trak

## Priporočila

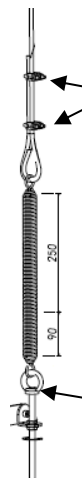
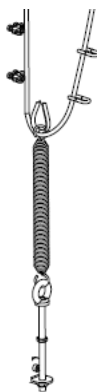
- Vse vijake/matice je treba priviti z navornim ključem, da se zagotovi pravi vrtilni moment.
- Za pritrditev matic se lahko uporabi tudi močno lepilo.
- Namestite sistem za napenjanje AN801TEN na že nameščeno spodnje pritrdišče AN801UNI.
- Ploščo za določanje položaja P6 droga za napenjanje vzmeti T je treba pritrditi na spodnje pritrdišče AN801UNI z vijakom M16 in matico M16.

1 x dinamometričnim ključem 17  
 za preverjanje vrtilnih momentov

## Namestitev sistema za napenjanje



Naredite 4 obrate



Privijte objemke na koncu, kjer so  
aktivne žice

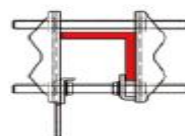
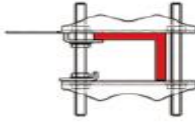
30 daN

PRIMER UPORABE (za standardne izdelke)

Les supports en L:

L1max=160mm

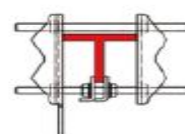
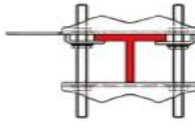
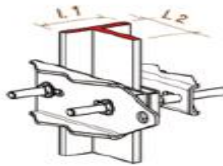
L2max=94mm



Les supports en T:

L1max=160mm

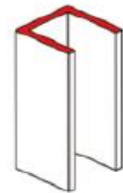
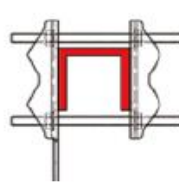
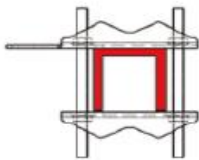
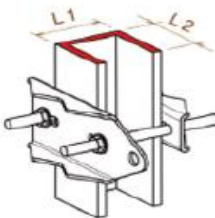
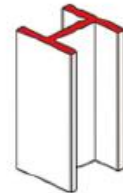
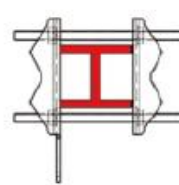
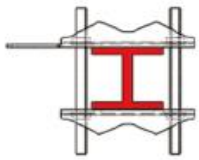
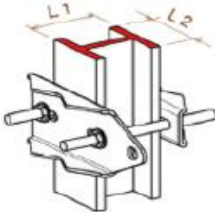
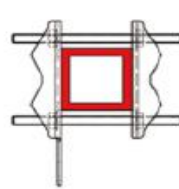
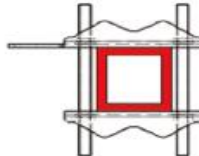
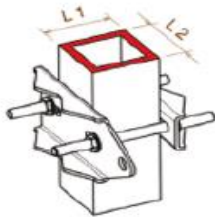
L2max=94mm



Les supports Rectangulaires:

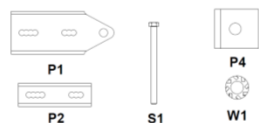
L1max=160mm

L2max=94mm



# AN801UNI/MONTAVIMAS – Viršutinis tvirtinimas

## AN801UNI sudarančios dalys



- 1 x P1: Inkcaravimo plokštė 1
- 1 x P2: Inkcaravimo plokštė 2
- 2 x S1: Varžtas 12 x 160mm
- 4 x W1: Automatiškai blokuojančios poveržlės D12
- 4 x W2: Poveržlė D12
- 6 x N1: Veržlė M12

## Montavimui skirti įrankiai

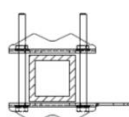


- 1 x 19 dydžio veržliaraktis
- 1 x 19 dinamometriniu raktu

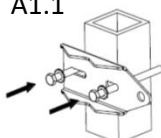
## Rekomendacijos

- Būtinai perskaitykite kiekvieno sistemos montavimo etapo surinkimo vadovą
- Tam, kad visi varžtai ir veržlės būtų suveržti tinkamai, naudokite specialų j dinamometrinių raktą.
- Veržlės papildomai gali būti sutvirtinamos klijais.
- Kiekvieno montavimo metu inkcaravimo plokštės 1 ir 2 turi būti sudėtos paraleliai.
- Naudodami standžiąsias tvirtinimo kopėčias, nustatykite tvirtinimo tašką ant sistemos, jeigu įmanoma, tiesiai virš strypo

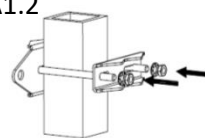
### 1/ Keturkampe konstrukcija



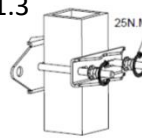
#### A1.1



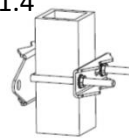
#### A1.2



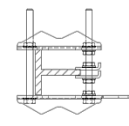
#### A1.3



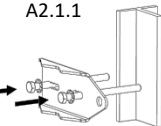
#### A1.4



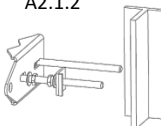
### 2/ T formos konstrukcija



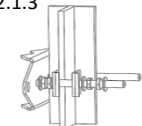
#### A2.1.1



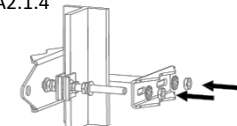
#### A2.1.2



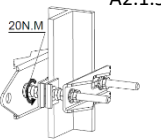
#### A2.1.3



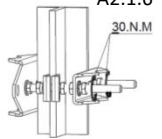
#### A2.1.4



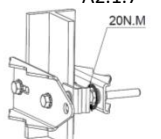
#### A2.1.5



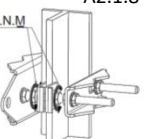
#### A2.1.6



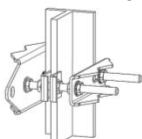
#### A2.1.7



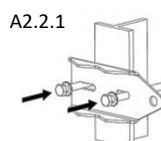
#### A2.1.8



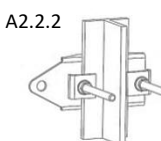
#### A2.1.9



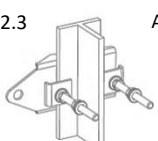
#### A2.2.1



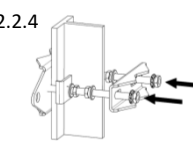
#### A2.2.2



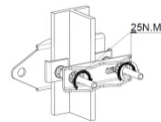
#### A2.2.3



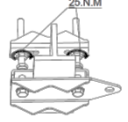
#### A2.2.4



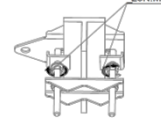
#### A2.2.5



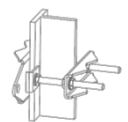
#### A2.2.6



#### A2.2.7

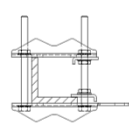


#### A2.2.8

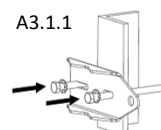


1x 17 dinamometriniu raktu, kad galėtumėte patikrinti užveržimo momentus

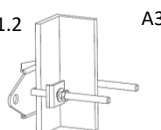
### 3/ L formos konstrukcija



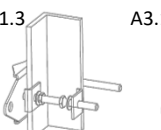
#### A3.1.1



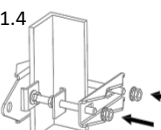
#### A3.1.2



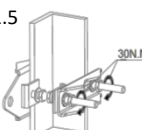
#### A3.1.3



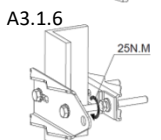
#### A3.1.4



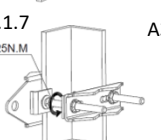
#### A3.1.5



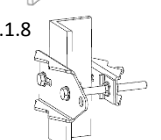
#### A3.1.6



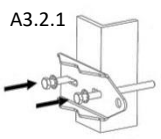
#### A3.1.7



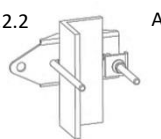
#### A3.1.8



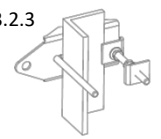
#### A3.2.1



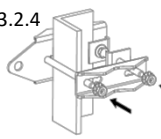
#### A3.2.2



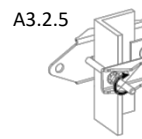
#### A3.2.3



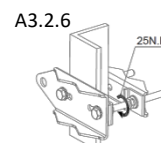
#### A3.2.4



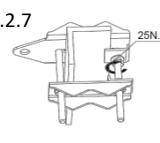
#### A3.2.5



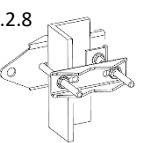
#### A3.2.6



#### A3.2.7



#### A3.2.8

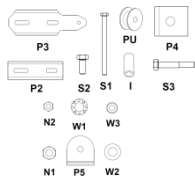


1 x 17 dinamometriniu raktu, kad galėtumėte patikrinti užveržimo momentus

**MONTAVIMO  
NURODYMAI  
B**

**AN802/SURINKIMAS**

**AN802 sudarančios dalys**



- 1 x P3: Sutvirtinimo plokštė
- 1 x P2: Inkaravimo plokštė
- 2 x P4: Maža inkaravimo plokštė
- 1 x P5: Platininė spyruoklė
- 2 x S1: Varžtas M12 x 160mm
- 1 x S2: Varžtas M8 x 20mm
- 1 x S3: Varžtas M8x45mm
- 4 x W1: Automatiškai blokuojančios poveržlės D12
- 4 x W2: Poveržlė D12
- 6 x N1: Veržlė M12

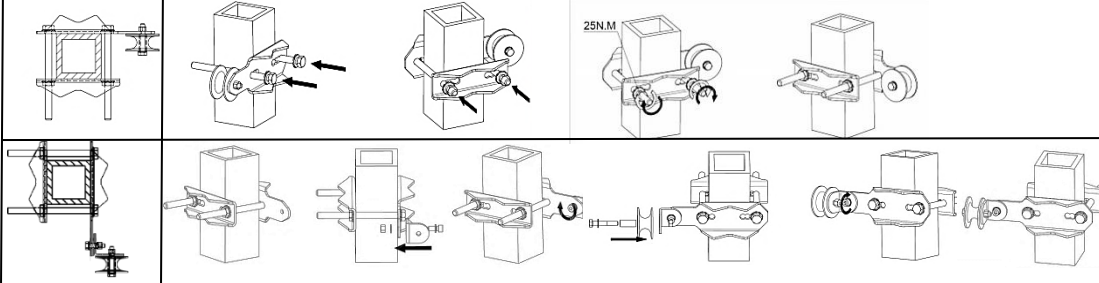
**Įdiegimui skirti įrankiai**

- 1 x 13 dydžio veržliaraktis
- 1 x 19 dydžio veržliaraktis
- 1 x 19 dinamoetriniu raktu
- 1 x Veržliaraktis Allen

**Rekomendacijos**

- Naudokite tą pačią procedūrą, kaip ir viršutiniajam įrenginiui AN801UNI
- Būtinai perskaitykite kiekvieno sistemos montavimo etapo surinkimo vadovą
- Tam, kad visi varžtai ir veržlės būtų suveržti tinkamai, naudokite specialų j dinamoetrinį raktą.
- Veržlės papildomai gali būti sutvirtinamos kilijais.
- Kiekvieno montavimo metu inkaravimo plokštės P2 ir P3 turi būti sudėtos paraleliai.
- Naudodami standžiąsias tvirtinimo kopėčias, nustatykite tvirtinimo tašką ant sistemos, jeigu įmanoma, tiesiai virš strypo

**1/ Keturkampe konstrukcija**



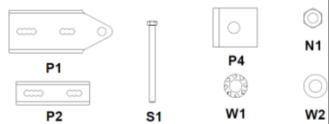
1 x 17 dinamoetriniu raktu, kad galėtumėte patikrinti užveržimo momentus

**MONTAVIMO  
NURODYMAI  
C**

**AN801UNI/SURINKIMAS – APATINIS PRITVIRTINIMAS**

Norėdami įdiegti AN801UNI apatinį pritvirtinimą, naudokite tą pačią procedūrą, kaip ir viršutiniajam įrenginiui AN801UNI

**AN801UNI sudarančios dalys**



- 1 x P1: Inkaravimo plokštė 1
- 1 x P2: Inkaravimo plokštė 2
- 2 x S1: Varžtas 12 x160mm
- 4 x W1: Automatiškai blokuojančios poveržlės D12
- 4 x W2: Poveržlė D12
- 6 x N1: Veržlė M12

**Outillages pour installation**

- 1 x 19 dydžio veržliaraktis
- 1 x 19 dinamoetriniu raktu

1 x 17 dinamoetriniu raktu, kad galėtumėte patikrinti užveržimo momentus

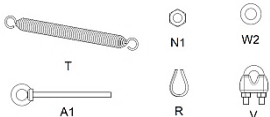
**Rekomendacijos**

- Naudokite tą pačią procedūrą, kaip ir viršutiniajam įrenginiui AN801UNI
- Būtinai perskaitykite kiekvieno sistemos montavimo etapo surinkimo vadovą
- Tam, kad visi varžtai ir veržlės būtų suveržti tinkamai, naudokite specialų j dinamoetrinį raktą.
- Veržlės papildomai gali būti sutvirtinamos kilijais.
- Kiekvieno montavimo metu tvirtinimo plokštės 1 ir 2 turi būti sudėtos paraleliai.
- Naudodami standžiąsias tvirtinimo kopėčias, nustatykite tvirtinimo tašką ant sistemos, jeigu įmanoma, tiesiai virš strypo

**MONTAVIMO  
NURODYMAI  
D**

# AN801TEN/Surinkimas

## Tamprumo sistemą sudarantys elementai



- P6 : Padėties nustatymo plokštė
- 1 x T : Tempiamoji spyruoklė
- 2 x N1 : Veržlė M12
- 1 x A1 : Inkaravimo sraigtas M12
- 1 x W2: Poveržlė D12
- 2 x V : Lyno apkabos
- 1 x R : kilpa su detalėmis

## Įdiegimui skirti įrankiai



- 1 x 13 dydžio veržliaraktis
- 1 x 17 dydžio veržliaraktis
- 2 x 19 dydžio veržliaraktis
- 1 x žnyplės
- 1 x lipni juosta

1 x 17 dinamometriniu raktu, kad galėtumėte patikrinti užveržimo momentus

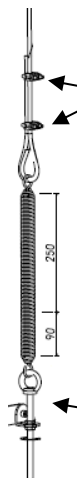
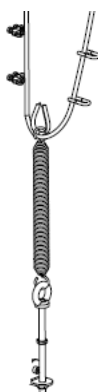
## Rekomendacijos

- Tam, kad visi varžtai ir veržlės būtų suveržti tinkamai, naudokite specialų jį dinamometrinių raktą.
- Veržlės papildomai gali būti sutvirtinamos kilpais.
- Pereikite prie įtempimo sistemos AN801TEN padėties nustatymo jau nustatytame apatiniajame inkaravimo įtaise AN801UNI.
- Padėties nustatymo plokštės varžto spyruoklės T įtempimą nustatykite apatiniajame inkaravimo įtaise AN801UNI naudodami varžto M16 ir veržlės M16 detales.

## TAMPRUMO SISTEMOS DIEGIMAS



Apsukti 4 kartus



Lyno apkabos varžtas, nukirptų lyno gijų pusė

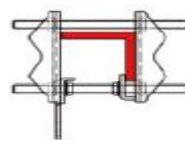
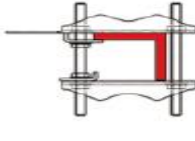
30 daN

## NAUDOJIMOSI PAVYZDYS (standartiniai gaminiai)

Les supports en L:

L1max=160mm

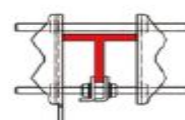
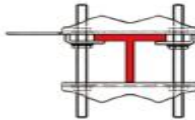
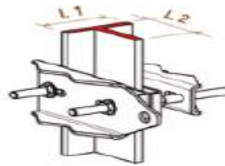
L2max=94mm



Les supports en T:

L1max=160mm

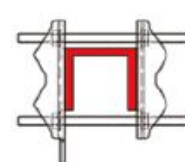
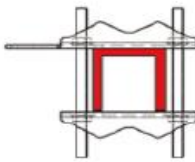
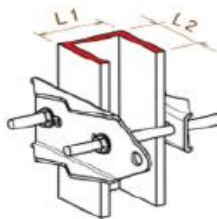
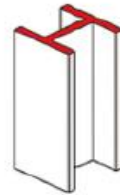
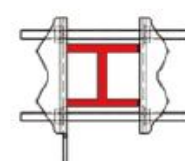
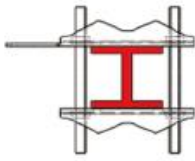
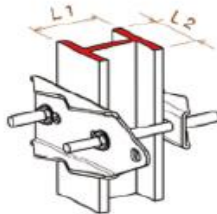
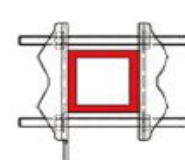
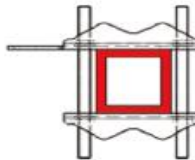
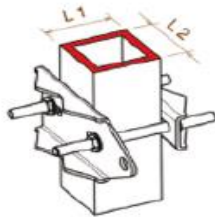
L2max=94mm



Les supports Rectangulaires:

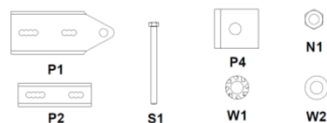
L1max=160mm

L2max=94mm





AN801UNI sastāvdaļas



- 1 x P1: Stiprinājuma plāksne 1
- 1 x P2: Stiprinājuma plāksne 2
- 2 x S1: Bultskrūve 12 x160mm
- 4 x W1: Pašbloķējošās blīves D12
- 4 x W2: Blīve D12
- 6 x N1: Uzgrieznis M12

Darbarīku komplekts instalēšanai

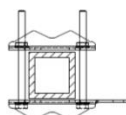


- 1 x kļuč št. 19
- 1 x dinamometričnim kļučem 19

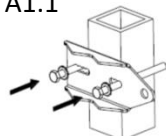
Priporočila

- Ar piesardzību jāseko katras struktūras veidam ieteiktajām montāžas norādēm
- Visas bultskrūves/uzgriežņus jāskrūvē ar dinamometriskās atslēgas palīdzību, lai nodrošinātu pievilksanas griezes momentu.
- Var izmantot stipru līmi, lai nostiprinātu uzgriežņus.
- Visos gadījumos stiprinājuma plāksnēm 1 un 2 jābūt paralēlām.
- Atbalsta punktu novietot uz struktūras, ja iespējams, tad tieši virs šķērskoka, ja lieto uz pieslienāmām kāpnēm

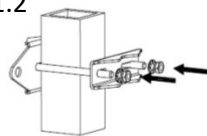
1/ Taisnstūra struktūra



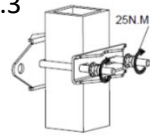
A1.1



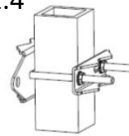
A1.2



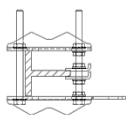
A1.3



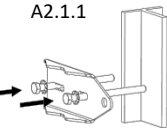
A1.4



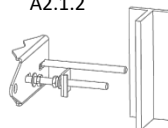
2/ T struktūra



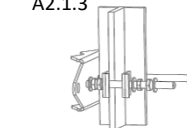
A2.1.1



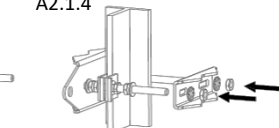
A2.1.2



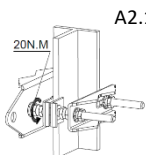
A2.1.3



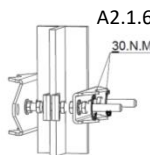
A2.1.4



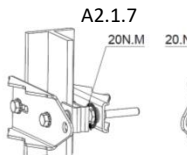
A2.1.5



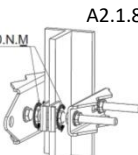
A2.1.6



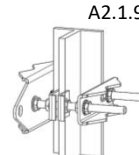
A2.1.7



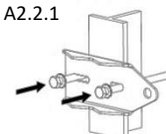
A2.1.8



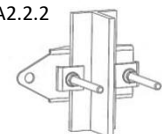
A2.1.9



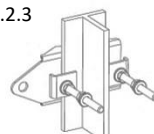
A2.2.1



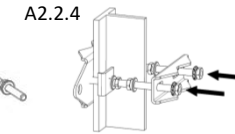
A2.2.2



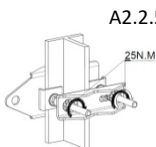
A2.2.3



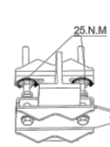
A2.2.4



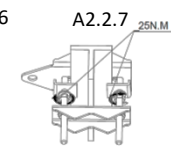
A2.2.5



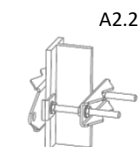
A2.2.6



A2.2.7

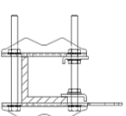


A2.2.8

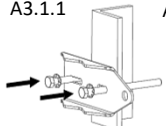


1 x dinamometričnim kļučem 17, lai pārbaudītu pievilksanas griezes momentu

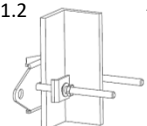
3/ L struktūra



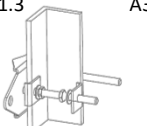
A3.1.1



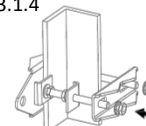
A3.1.2



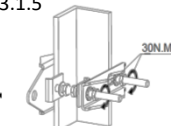
A3.1.3



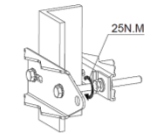
A3.1.4



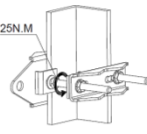
A3.1.5



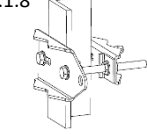
A3.1.6



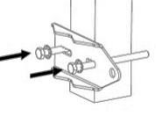
A3.1.7



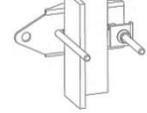
A3.1.8



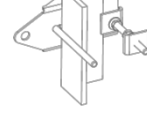
A3.2.1



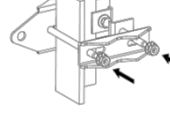
A3.2.2



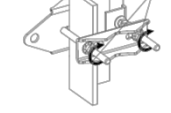
A3.2.3



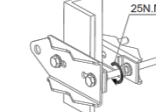
A3.2.4



A3.2.5



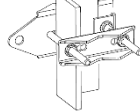
A3.2.6



A3.2.7



A3.2.8

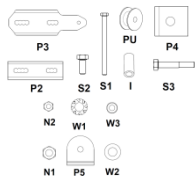


1 x dinamometričnim kļučem 17, lai pārbaudītu pievilksanas griezes momentu

# MONTĀŽAS ROKASGRĀMATA B

## AN802/MONTĀŽA

### AN802 sastāvdaļas



- 1 x P3: Stiprinājuma plāksne
- 1 x P2: Stiprinājuma plāksne
- 2 x P4: Mazā stiprinājuma plāksne
- 1 x P5: Atsperes plāksnīte
- 2 x S1: Bultskrūve M12 x 160mm
- 1 x S2: Bultskrūve M8 x 20mm
- 1 x S3: Bultskrūve M8x45mm
- 4 x W1: Pašbloķējošā blīve D12
- 4 x W2: Blīve D12
- 6 x N1: Uzgrieznis M12

### Darbarīku komplekts instalēšanai

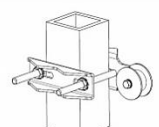
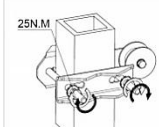
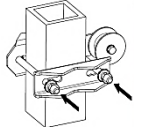
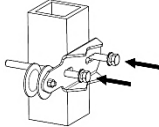
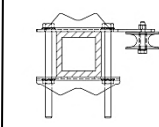


- 1 x kļuč št. 13
- 1 x kļuč št. 19
- 1 x dinamometričnim kļučēm 19
- 1 x 6. izmēra Allen atslēga

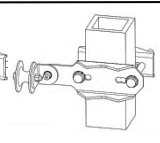
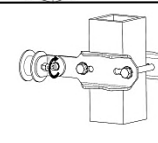
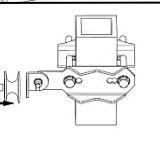
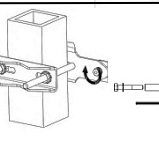
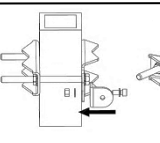
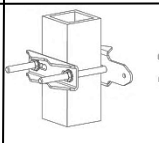
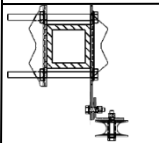
### Prīporočila

- Tā pati procedūra, kas augšējam AN801UNI
- Ar piesardzību jāseko katras struktūras veidam ieteiktajām montāžas norādēm
- Visas bultskrūves/uzgriežņus jāskrūvē ar dinamometriskās atslēgas palīdzību, lai nodrošinātu pievilkšanas griezes momentu.
- Var izmantot stipru līmi, lai nostiprinātu uzgriežņus.
- Visos gadījumos stiprinājuma plāksnēm P2 un P3 jābūt paralēlām.
- Atbalsta punktu novietot uz struktūras, ja iespējams, tad tieši virs šķērskoka, ja lieto uz pieslienāmām kāpnēm

### 1/ Taisnstūra struktūra



1 x dinamometričnim kļučēm 17, lai pārbaudītu pievilkšanas griezes momentu

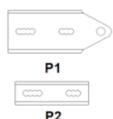


# MONTĀŽAS ROKASGRĀMATA C

## AN801UNI/MONTĀŽA - Apakšējais saslēgums

Lai instalētu apakšējo saslēgumu AN801UNI, rīkotos tāpat kā ar augšējo stiprinājumu AN801UNI

### AN801UNI sastāvdaļas



- 1 x P1: Stiprinājuma plāksne 1
- 1 x P2: Stiprinājuma plāksne 2
- 2 x S1: Bultskrūve 12 x 160mm
- 4 x W1: Pašbloķējošās blīves D12
- 4 x W2: Blīve D12
- 6 x N1: Uzgrieznis M12

### Darbarīku komplekts instalēšanai



- 1 x kļuč št. 19
- 1 x dinamometričnim kļučēm 19

1 x dinamometričnim kļučēm 17, lai pārbaudītu pievilkšanas griezes momentu

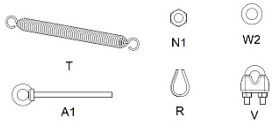
### Prīporočila

- Tā pati procedūra, kas augšējam stiprinājumam AN801UNI
- Ar piesardzību jāseko katras struktūras veidam ieteiktajām montāžas norādēm
- Visas bultskrūves/uzgriežņus jāskrūvē ar dinamometriskās atslēgas palīdzību, lai nodrošinātu pievilkšanas griezes momentu.
- Var izmantot stipru līmi, lai nostiprinātu uzgriežņus.
- Visos gadījumos stiprinājuma plāksnēm 1 un 2 jābūt paralēlām.
- Atbalsta punktu novietot uz struktūras, ja iespējams, tad tieši virs šķērskoka, ja lieto uz pieslienāmām kāpnēm

**MONTĀŽAS  
ROKASGRĀMATA  
D**

**AN801TEN/MONTĀŽA**

**Spriegojuma sistēmas sastāvdaļas**



- P6 : Stieņa novietošanas plāksnīte  
 1 x T : Spriegojuma atspere  
 2 x N1 : Uzgrieznis M12  
 1 x A1 : Stiprinājuma skrūve M12  
 1 x W2 : Blīve D12  
 2 x V : Trošu skavas  
 1 x R : Sirdsveida cilpa

**Darbarīku komplekts instalēšanai**



- 1 x kļuč št. 13  
 1 x kļuč št. 17  
 2 x kļuč št. 19  
 1 x knaibles  
 1 x līmlente

1 x dinamometričnim kļučēm 17,  
 lai pārbaudītu pievilkšanas griezes  
 momentu

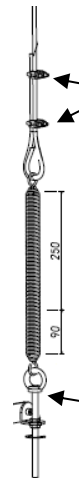
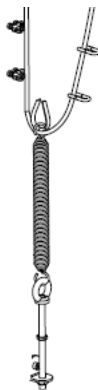
**Priporočila**

- Visas bultskrūves/uzgriežņus jāskrūvē ar dinamometriskās atslēgas palīdzību, lai nodrošinātu pievilkšanas griezes momentu.
- Var izmantot stipru līmi, lai nostiprinātu uzgriežņus.
- Uzsākt novietot spriegojuma sistēmu AN801TEN uz jau nostiprinātā apakšējā saslēguma AN801UNI.
- Atsperes T spriegojuma stieņa novietošanas plāksnīte P6 jānostiprina uz apakšējā saslēguma AN801UNI ar bultskrūves M16 un uzgriežņa M16 palīdzību.

**Spriegojuma sistēmas instalēšana**



4 reizes pagriezt



Trošu skavu skrūves noslogotās daļas  
 pusē

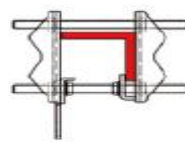
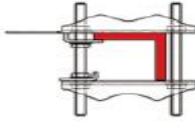
30 daN

## LIETOŠANAS PIEMĒRS (standarta produktiem)

Les supports en L:

L1max=160mm

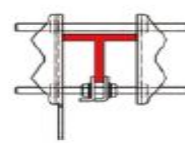
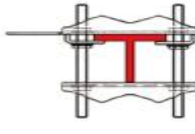
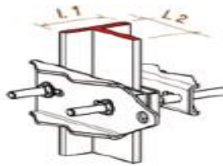
L2max=94mm



Les supports en T:

L1max=160mm

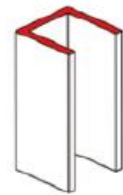
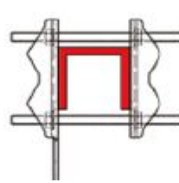
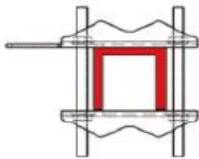
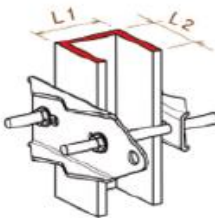
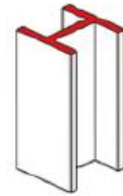
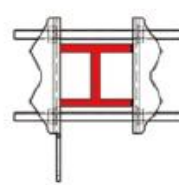
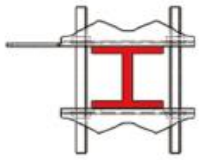
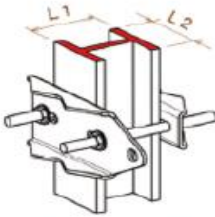
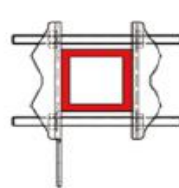
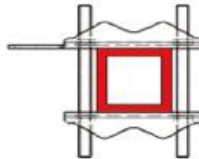
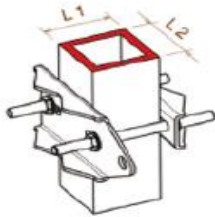
L2max=94mm



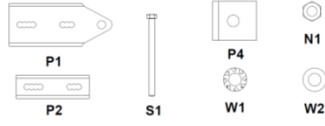
Les supports Rectangulaires:

L1max=160mm

L2max=94mm



AN801UNI bileşenleri



- 1 x P1: Ankrāj plakası 1  
1 x P2: Dengeleme plakası 2  
2 x S1: Cıvata M12 x 160mm  
4 x W1: Oto-blokaj rondelası D12  
4 x W2: Pul D12  
6 x N1: Somun M12

Kurulum için gerekli aletler

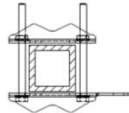
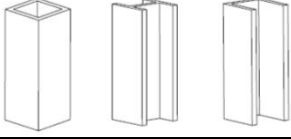


- 1 x 19 anahtar  
1 x 19 tork  
anahtarıyla

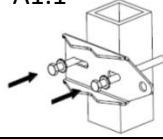
Öneriler

- Yapı profilinize uygun olan kurulum talimatlarını izleyin.
- Tüm cıvataları değerlerine uygun şekilde sıkırtmak için bir tork anahtarı kullanın.
- Vidaları tutması için somunlarda yapıstırıcı kullanılabilir.
- Plaka P1 ve P2 her koşulda paralel olmalıdır.
- Ankrāj noktasını yapıya en yakın konuma yerleştirmek önemlidir.

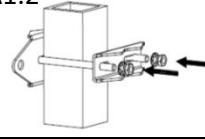
1/ Köşeli yapı



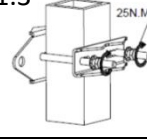
A1.1



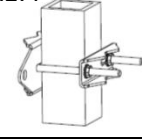
A1.2



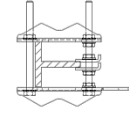
A1.3



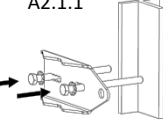
A1.4



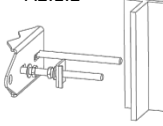
2/ T yapı



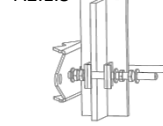
A2.1.1



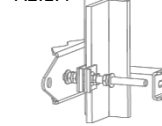
A2.1.2



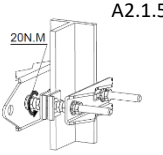
A2.1.3



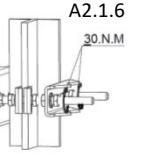
A2.1.4



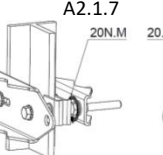
A2.1.5



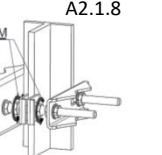
A2.1.6



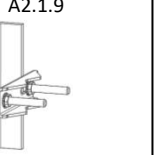
A2.1.7



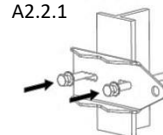
A2.1.8



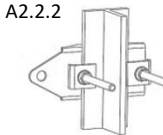
A2.1.9



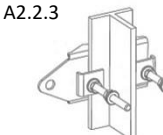
A2.2.1



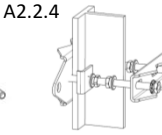
A2.2.2



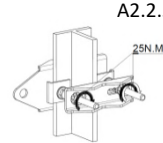
A2.2.3



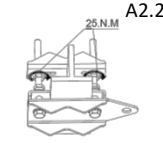
A2.2.4



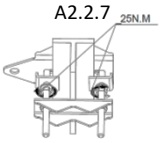
A2.2.5



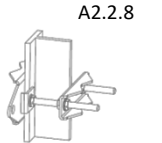
A2.2.6



A2.2.7

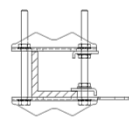


A2.2.8

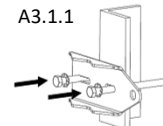


1 x Tork anahtarı 17, sıkıstırma torklarını kontrol amaçlı

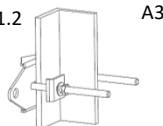
3/ L yapı



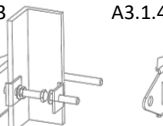
A3.1.1



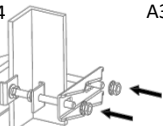
A3.1.2



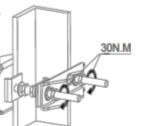
A3.1.3



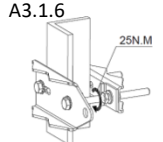
A3.1.4



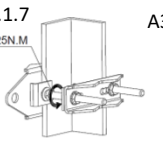
A3.1.5



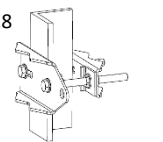
A3.1.6



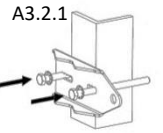
A3.1.7



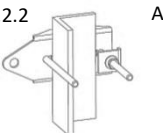
A3.1.8



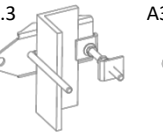
A3.2.1



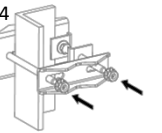
A3.2.2



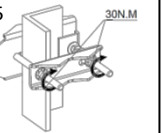
A3.2.3



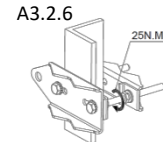
A3.2.4



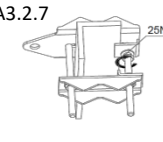
A3.2.5



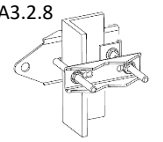
A3.2.6



A3.2.7



A3.2.8

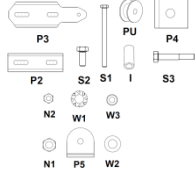


1 x Tork anahtarı 17, sıkıstırma torklarını kontrol amaçlı

## MONTAJ KILAVUZU B

## AN802/ MONTAJ

### AN802 bileşenleri



- 1 x P3: Sabitleme plakası
- 1 x P2: Dengeleme plakası
- 2 x P4: Küçük dengeleme plakası
- 1 x P5: Yay için plaka
- 2 x S1: Cıvata M12 x 160mm
- 1 x S2: Cıvata M8 x 20mm
- 1 x S3: Cıvata M8x45mm
- 4 x W1: Oto-blokaj rondelası D12
- 4 x W2: Pul D12
- 6 x N1: Somun M12

### Kurulum için gerekli aletler

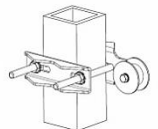
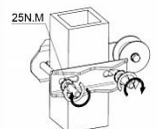
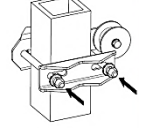
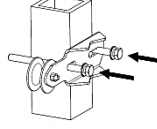
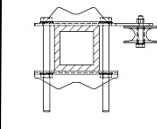
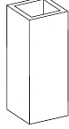


- 1 x 13 anahtar
- 1 x 19 anahtar
- 1 x 19 tork anahtarıyla
- 1 x Alyan anahtar, boyut 6

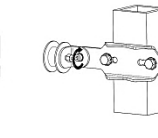
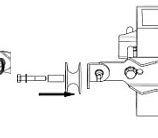
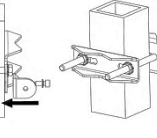
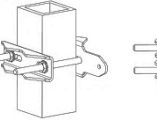
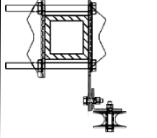
### Öneriler

- AN801UNI üst ankraj kurulumu ile aynı prosesi yürütün
- Yapı profilinize uygun olan kurulum talimatlarını izleyin.
- Tüm cıvataları değerlerine uygun şekilde sıkıştırmak için bir tork anahtarı kullanın.
- Vidaları tutması için somunlarda yapıstırıcı kullanılabilir.
- Plaka ve dengeleme plakası her koşulda paralel olmalıdır.
- Ankraj noktasını yapıya en yakın konuma yerleştirmek önemlidir.

### 1/ Köşeli yapı



1 x Tork anahtarı 17, sıkıştırma torklarını kontrol amaçlı

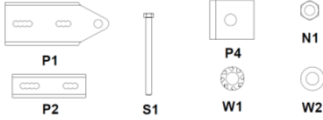


## MONTAJ KILAVUZU C

## AN801UNI / MONTAJ - ALT ANKRAJ

AN801UNI alt ankraj kurulumu için AN801UNI üst ankraj ile aynı prosesi izleyin.

### AN801UNI için gerdirme sistemi bileşenleri



- 1 x P1: Yay gerdirme 1
- 1 x P2: Yay gerdirme 2
- 2 x S1: Cıvata 12 x160mm
- 4 x W1: Oto-blokaj rondelası D12
- 4 x W2: Pul D12
- 6 x N1: Somun M12

### Kurulum için gerekli aletler



- 1 x 19 anahtar
- 1 x 19 tork anahtarıyla

1 x Tork anahtarı 17, sıkıştırma torklarını kontrol amaçlı

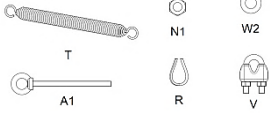
### Öneriler

- AN801UNI kurulumu ile aynı prosesi izleyin.
- Yapı profilinize uygun olan kurulum talimatlarını izleyin.
- Tüm cıvataları değerlerine uygun şekilde sıkıştırmak için bir tork anahtarı kullanın.
- Vidaları tutması için somunlarda yapıstırıcı kullanılabilir.
- Plaka ve dengeleme plakası her koşulda paralel olmalıdır.
- Ankraj noktasını yapıya en yakın konuma yerleştirmek önemlidir.

# MONTAJ KILAVUZU D

## AN801TEN/MONTAJ

### Gerdirme sistemi bileşenleri



P6 : konumlandırma pimini yerleştirin  
1 x T : Yay gerdirme  
2 x N1 : Somun M12  
1 x A1 : Ankraj vidası M12  
1 x W2: Pul D12  
2 x V : Kablo kelepçesi  
1 x R : Kılıflı radansa ilmek

### Kurulum için gerekli aletler



1 x 13 anahtar  
1 x 17 anahtar  
2 x 19 anahtar  
1 x kablo pensesi  
1 x parça bant

1 x Tork anahtarı 17, sıkıştırma  
torklarını kontrol amaçlı

### Öneriler

- Tüm cıvataları değerlerine uygun şekilde sıkırtmak için bir tork anahtarı kullanın.
- Vidaları tutması için somunlarda yapıştırıcı kullanılabilir.
- Sabitlenmiş durumdaki AN801UNI alt ankraj üzerinde AN801TEN gerdirme sistemini konumlandırın..
- T yayı için P6 konumlandırma plakası, M16 cıvatası sıkıştırılarak AN801UNI alt ankraj üzerine sabitlenmelidir.

### Gerdirme sisteminin kurulumu



4 kere yapılırs



Aktif kablunun yan tarafındaki kablo

30 daN

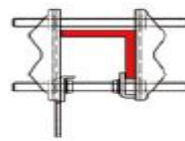
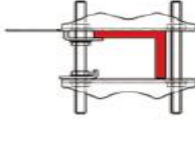


## KULLANIM ÖRNEĞİ (standart ürünlerin)

Les supports en L:

L1max=160mm

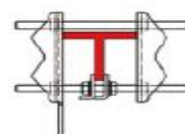
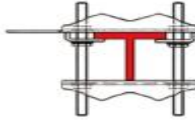
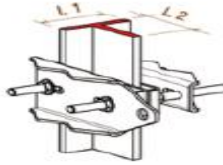
L2max=94mm



Les supports en T:

L1max=160mm

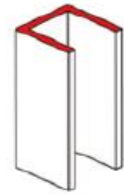
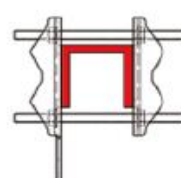
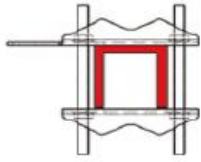
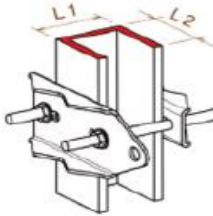
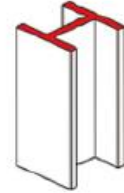
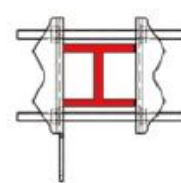
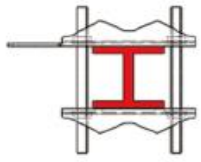
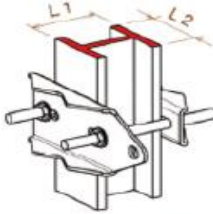
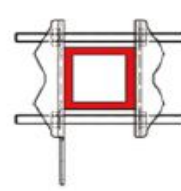
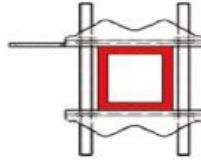
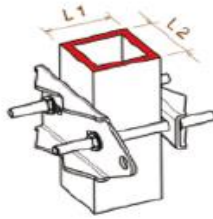
L2max=94mm



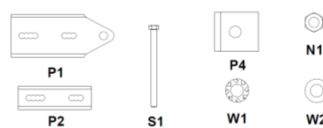
Les supports Rectangulaires:

L1max=160mm

L2max=94mm



Елементи, що входять до складу AN801UNI



- 1 x P1: Анкерна плітка 1
- 1 x P2: Анкерна плітка 2
- 2 x S1: Болт 12 x 160 мм
- 4 x W1: Стопорні шайби D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

Інструмент з монтажу

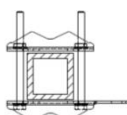


- 1 x Кнопка 19
- 1 x тарований гайковий ключ 19

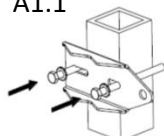
Рекомендації

- Вкрай важливо ретельно дотримуватися інструкції з монтажу, розроблені для кожного типу структур.
- Всі болти і гайки звітність, затягувати динамометричним ключем зважаючи забезпечення належного моменту затягування.
- Для фіксації гайок можна використовувати міцний клей.
- При будь-якому вигляді монтажу анкерні плитки 1 і 2 повинні знаходитися паралельно один до одного.
- Встановити точку анкерного кріплення на надійному місці структури, по можливості трохи вище поперечини сходи, у разі використання такої.

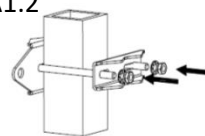
1/ Прямокутна структура



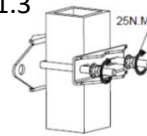
A1.1



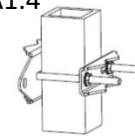
A1.2



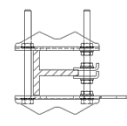
A1.3



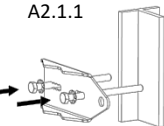
A1.4



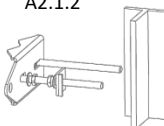
2/ Т-образна структура



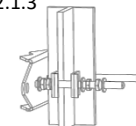
A2.1.1



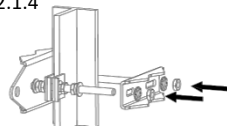
A2.1.2



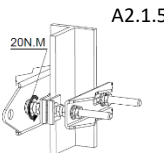
A2.1.3



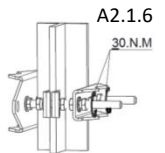
A2.1.4



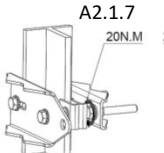
A2.1.5



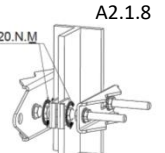
A2.1.6



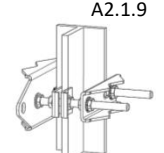
A2.1.7



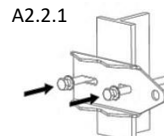
A2.1.8



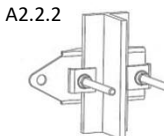
A2.1.9



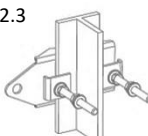
A2.2.1



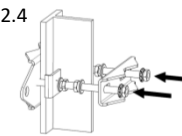
A2.2.2



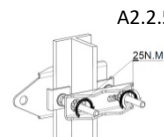
A2.2.3



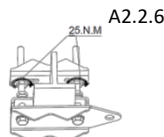
A2.2.4



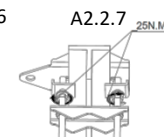
A2.2.5



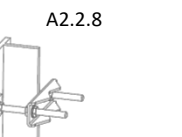
A2.2.6



A2.2.7

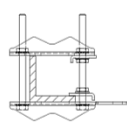


A2.2.8

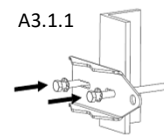


1 x тарований гайковий ключ 17  
для перевірки моменту

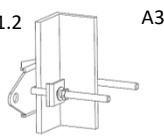
3/ L-образна структура



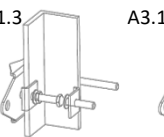
A3.1.1



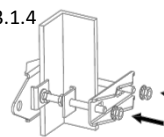
A3.1.2



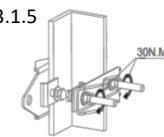
A3.1.3



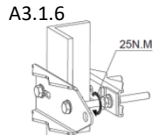
A3.1.4



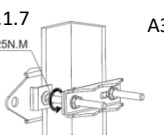
A3.1.5



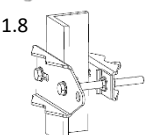
A3.1.6



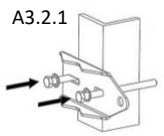
A3.1.7



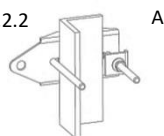
A3.1.8



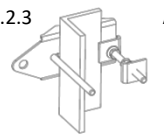
A3.2.1



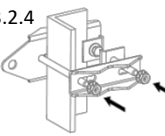
A3.2.2



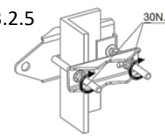
A3.2.3



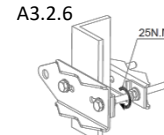
A3.2.4



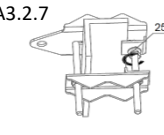
A3.2.5



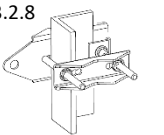
A3.2.6



A3.2.7



A3.2.8

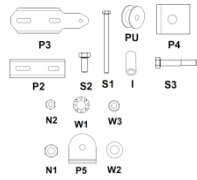


1 x тарований гайковий ключ 17  
для перевірки моменту

**КЕРІВНИЦТВО  
ПО СКЛАДАННЮ  
В**

**AN802/ СКЛАДАННЯ**

**Елементи, що входять до складу AN802**



- 1 x P3: Установча плітка
- 1 x P2: Анкерна плітка
- 2 x P4: Мала анкерна плітка
- 1 x P5: Пружинна пластина
- 2 x S1: Болт M12 x 160 мм
- 1 x S2: Болт M8 x 20 мм
- 1 x S3: Болт M8 x 45 мм
- 4 x W1: Стопорна шайба D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

**Інструмент для монтажу**

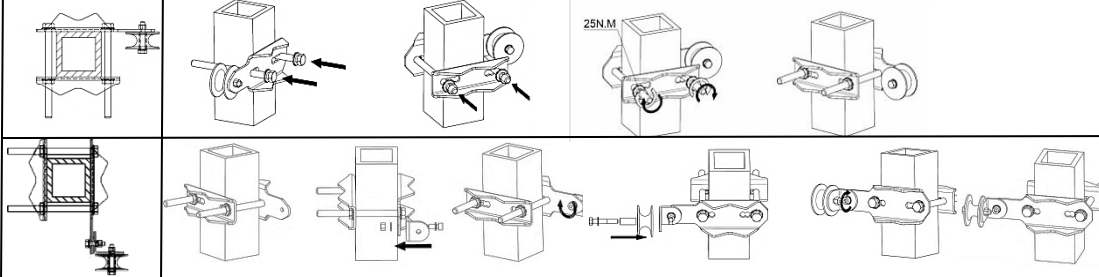


- 1 x Кнопка 13
- 1 x Кнопка 19
- 1 x тарований гайковий ключ 19
- 1 x шестигранний ключ на 6

**Рекомендації**

- Той же порядок дій, що і для верхнього AN801UNI.
- Вкрай важливо ретельно дотримуватися інструкції з монтажу, розроблені для кожного типу структур.
- Всі болти і гайки необхідно затягувати динамометричним ключем зважаючи забезпечення належного моменту затягування.
- для фіксації гайок можна використовувати міцний клей.
- При будь-якому виді монтажу анкерні плити P2 і P3 повинні знаходитися паралельно один до одного.
- Встановити точку анкерного кріплення на надійному місці структури, по можливості трохи вище поперечини драбини, у разі використання такої.

**1/ Прямокутна структура**



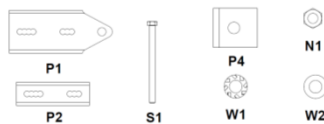
1 x тарований гайковий ключ 17 для перевірки моменту

**КЕРІВНИЦТВО  
ПО СКЛАДАННЮ  
С**

**AN801UNI/СБОРКА - Нижнє кріплення**

При установці нижнього кріплення AN801UNI дотримуватися того ж порядку дій, що і для верхнього анкерного кріплення AN801UNI.

**Елементи, що входять до складу AN801UNI**



- 1 x P1: Анкерна плітка 1
- 1 x P2: Анкерна плітка 2
- 2 x S1: Болт 12 x 160 мм
- 4 x W1: Стопорні шайби D12
- 4 x W2: шайба D12
- 6 x N1: гайка M12

**Інструмент для монтажу**



- 1 x Кнопка 19
- 1 x тарований гайковий ключ 19

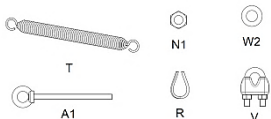
1 x тарований гайковий ключ 17 для перевірки моменту

**Рекомендації**

- Той же порядок дій, що і для верхнього анкерного кріплення AN801UNI.
- Вкрай важливо ретельно дотримуватися інструкції з монтажу, розроблені для кожного типу структур.
- Болт і гайку необхідно затягувати динамометричним ключем зважаючи забезпечення належного моменту затягування.
- для фіксації гайок можна використовувати міцний клей.
- При будь-якому виді монтажу анкерні плити 1 і 2 повинні знаходитися паралельно одна до одній.
- Встановити точку анкерного кріплення на надійному місці структури, по можливості трохи вище поперечини драбини, у разі використання такої.

## AN801TEN/ СКЛАДАННЯ

### Елементи, що входять до складу натяжної системи



Р6 : Установча пластина стержень  
 1 x T : Натяжна пружина  
 2 x N1 : гайка M12  
 1 x A1 : Анкерний шуруп M12  
 1 x W2: шайба D12  
 2 x V : тросові затискачі  
 1 x R : Тросовий коуш

### Інструмент для монтажу



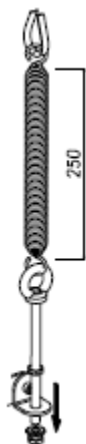
1 x Кнопка 13  
 1 x Кнопка 17  
 2 x Кнопка 19  
 1 x кліщі  
 1 x клейка стрічка

### Рекомендації

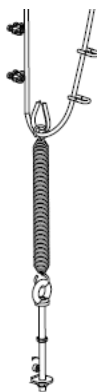
- Всі болти і гайки необхідно затягувати динамометричним ключем зважаючи забезпечення належного моменту затягування.
- для фіксації гайок можна використовувати міцний клей.
- Приступити до установки натяжної системи AN801TEN на вже встановленому нижньому кріпленні AN801UNI.
- Установчу пластину Р6 натяжної стрижня пружини Т необхідно закріпити на нижньому кріпленні AN801UNI за допомогою болта M16 і гайки M16.

1 x тарований гайковий ключ 17  
 для перевірки моменту

### Установка натяжної системи



Прокрутити 4  
рази



Болти тросових затискачів з  
активної сторони тросу

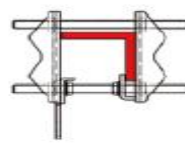
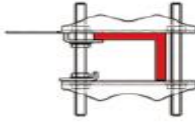
30 daN

ПРИКЛАД ЕКСПЛУАТАЦІЇ (для стандартних виробів)

Les supports en L:

L1max=160mm

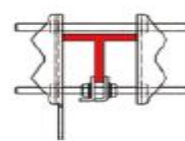
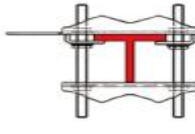
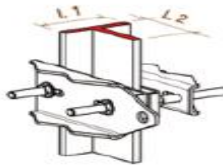
L2max=94mm



Les supports en T:

L1max=160mm

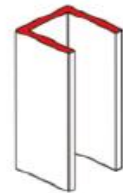
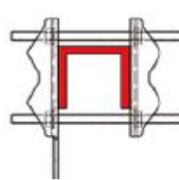
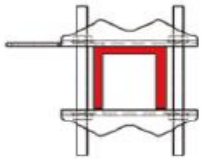
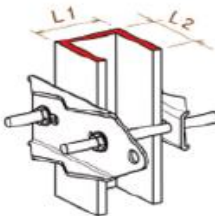
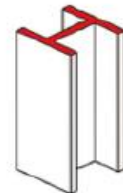
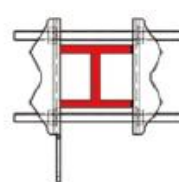
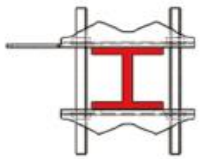
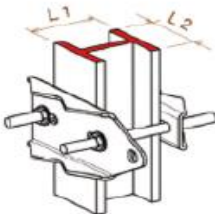
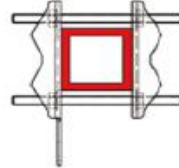
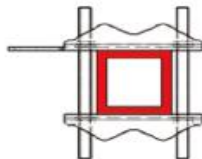
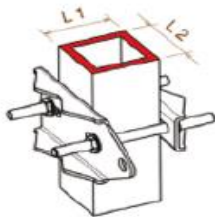
L2max=94mm



Les supports Rectangulaires:

L1max=160mm

L2max=94mm



# AN801UNI/التجميع - التثبيت العلوي

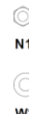
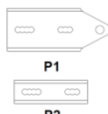
مكونات الجهاز AN801UNI

:P1 × 1	لوحة التثبيت 1
:P2 × 1	لوحة العداد 2
:S1 × 2	مسامير مقاس 12 × 160 مم
:W1 × 4	حلقة التثبيت التلقائي D12
:W2 × 4	حلقة التثبيت D12
:N1 × 6	صامولة 12 مم

أدوات التثبيت



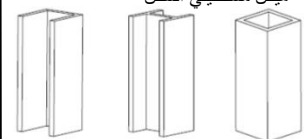
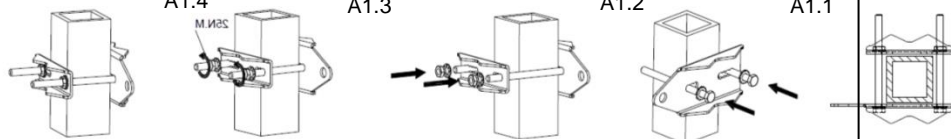
1 × مفتاح ربط مقاس 19  
1 × مفتاح عزم الدوران  
مقاس 19



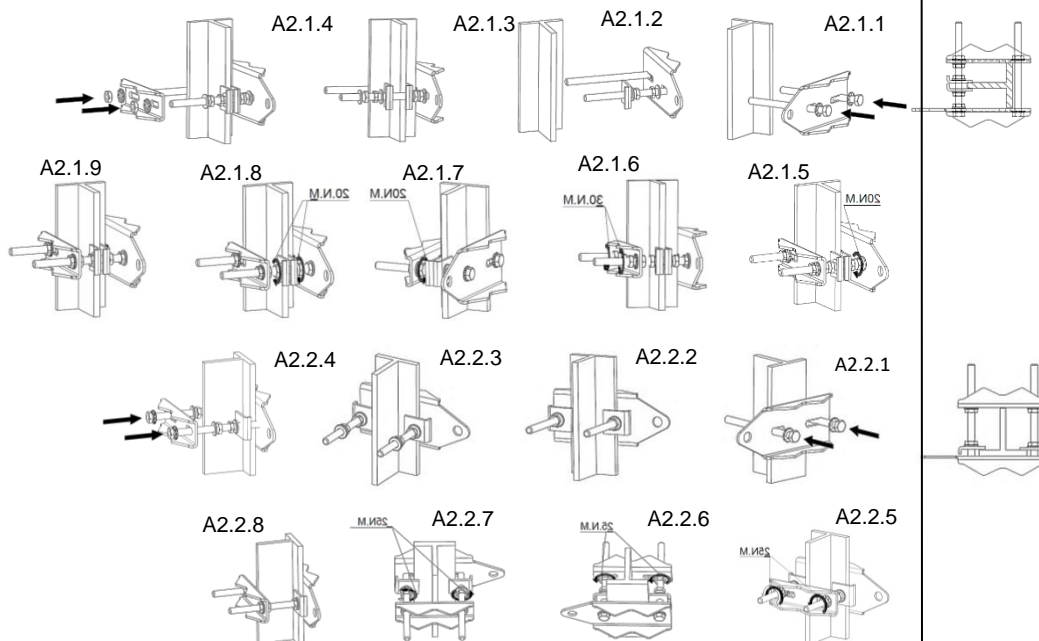
التوصيات

- ينبغي اتباع الإشارات للتثبيت وفقاً لوضع الهيكل الخاص بك.
- يجب التأكد من إحكام ربط مسامير التثبيت باستخدام مفتاح العزم للتأكد من قيمة الربط.
- يمكن استخدام الغراء Loctique الخاصة بالمسامير على الصواميل أيضاً.
- ويجب موازنة اللوحة P1 و P2 في جميع الحالات.
- يفضل تحديد نقطة الإرساء في أقرب موقع من الهيكل

1- هيكل مستطيلي الشكل

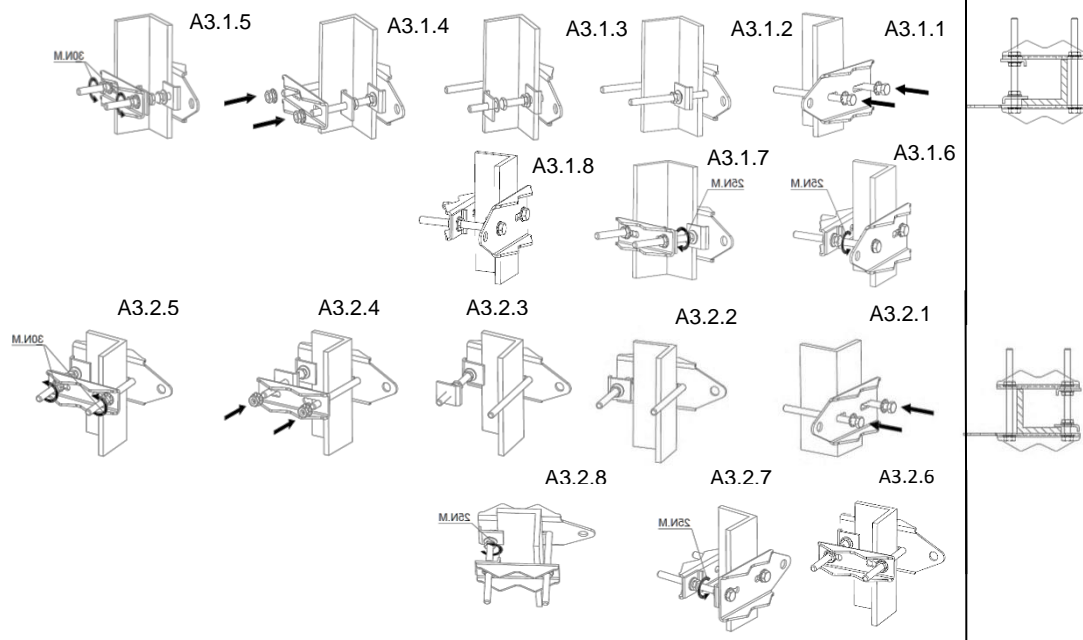


2- هيكل على شكل حرف T



1 × مفتاح عزم الدوران مقاس 17 للتحقق  
من قيمة العزم

3- هيكل على شكل L



1 × مفتاح عزم الدوران مقاس 17 للتحقق  
من قيمة العزم



## AN802 / دليل التجميع

## التوصيات

- اجري نفس خطوات عملية التثبيت العلوي لجهاز AN801UNI
- ينبغي اتباع إشارات التثبيت وفقاً لوضع الهيكل الخاص بك.
- يجب التأكد من إحكام ربط مسمر التثبيت باستخدام مفتاح العزم للتأكد من قيمة الربط.
- يمكن استخدام الغراء Loctique الخاصة بالمسامير على الصواميل أيضاً
- يجب موازاة اللوحة و لوحة العداد في جميع الحالات. - يفضل تحديد نقطة الإسراء في أقرب موقع من الهيكل

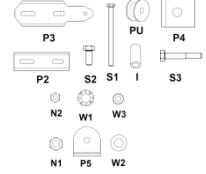
## مكونات الجهاز AN802

- 1 × مفتاح ربط مقاس 13
- 1 × مفتاح ربط مقاس 19
- 1 × مفتاح عزم الدوران مقاس 19
- 1 × مفتاح سداسي مقاس 6

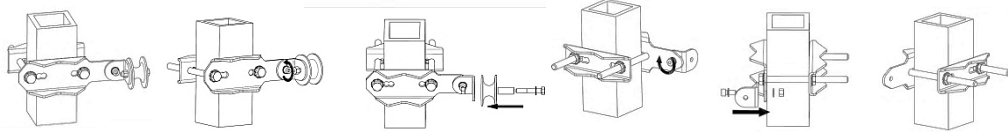
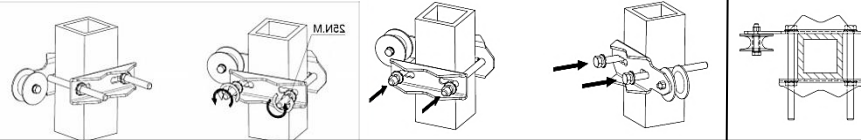


- P3 × 1: لوحة التثبيت
- P2 × 1: لوحة العداد
- P4 × 2: لوحة عداد صغيرة
- P5 × 1: لوحة النابض
- S1 × 2: مسمار مقاس 12 × 160 مم
- S2 × 1: مسمار مقاس 8 × 20 مم
- S3 × 1: مسمار مقاس 8 × 45 مم
- W1 × 4: حلقة التثبيت التلقائي D12
- W2 × 4: حلقة التثبيت D12
- N1 × 6: صامولة 12م

## المعدات اللازمة للتثبيت AN802



## 1/ هيكل مستطلي



- 1 × مفتاح عزم الدوران مقاس 17 للتحقق من قيمة العزم

## AN801UNI / التجميع – التثبيت السفلي

أجري نفس خطوات عملية التثبيت العلوي لجهاز AN801UNI للتثبيت السفلي للجهاز AN801UNI

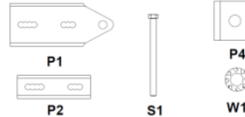
## التوصيات

- تتبع نفس خطوات تثبيت الجهاز AN801UNI
- ينبغي اتباع إشارات التثبيت وفقاً لوضع الهيكل الخاص بك.
- يجب التأكد من إحكام ربط مسمر التثبيت باستخدام مفتاح العزم للتأكد من قيمة الربط.
- يمكن استخدام الغراء Loctique الخاصة بالمسامير على الصواميل أيضاً
- يجب موازاة اللوحة و لوحة العداد في جميع الحالات.
- يفضل تحديد نقطة الإسراء في أقرب موقع من الهيكل.

## الأدوات الملحقة للتثبيت



- 1 × مفتاح ربط مقاس 19
- 1 × مفتاح عزم الدوران مقاس 19



## مكونات نظام الربط للجهاز AN801UNI

- P1 × 1: زنبرك الربط 1
- P2 × 1: زنبرك الربط 2
- S1 × 2: مسمار مقاس 12 × 160 مم
- W1 × 4: حلقة الحجب التلقائي D12
- W2 × 4: حلقات التثبيت D12
- N1 × 6: صامولة 12 م

- 1 × مفتاح عزم الدوران مقاس 17 للتحقق من قيمة العزم

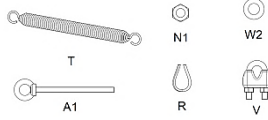


## التجميع /AN801TEN

### التوصيات

- يجب التأكد من إحكام ربط مسمار التثبيت باستخدام مفتاح العزم للتأكد من قيمة الربط.
- يمكن استخدام الغراء Loctique الخاصة بالمسامير على الصواميل أيضا.
- استكمل عملية تحديد نظام الربط AN801TEN على التثبيت المنخفض للجهاز AN801UNI المثبت بالفعل.
- يجب تثبيت لوحة تحديد الموضع P6 الخاصة بربط مسمار الزنبرك T على مكان الإرساء المنخفض للجهاز AN801UNI مع إحكام ربط المسمار بمقاس 16 م.

### المعدات الخاصة بالتثبيت



- P6 : أدخل رمز الموضع  
 ربط الزنبرك : T x 1  
 صامولة 12 م : N1 x 2  
 مسمار تثبيت 12م : A1 x 1  
 المسمار D12 : W2 x 1  
 كليل المشبك : V x 2  
 حلقة الجلبة المعدنية : R x 1



### مكونات نظام الربط

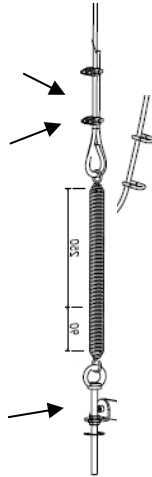
- 1 x مفتاح ربط مقاس 13
- 1 x مفتاح ربط مقاس 17
- 2 x مفتاح ربط مقاس 19
- 1 x كمامة الكابل
- 1 x قطعة من الشريط

1 x مفتاح عزم الدوران مقاس 17 للتحقق من قيمة العزم

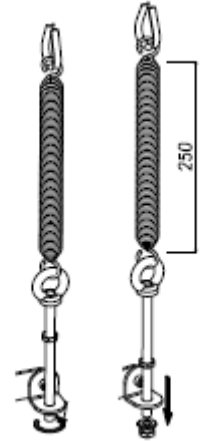
### تثبيت نظام الربط

لف المسامير الموجودة على كابل المشبك باتجاه الكابل النشط

مسمار دان 30



لف 4 مرات

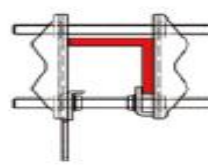
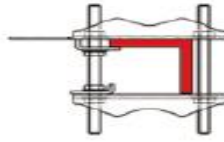


مثال للاستخدام (من المنتجات القياسية)

Les supports en L:

L1max=160mm

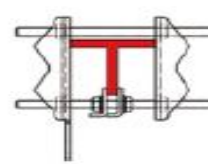
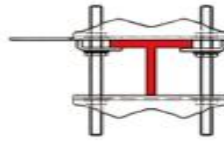
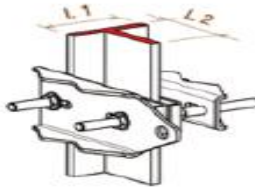
L2max=94mm



Les supports en T:

L1max=160mm

L2max=94mm



Les supports Rectangulaires:

L1max=160mm

L2max=94mm

