



# RENO

INSTRUCCIONES DE USO Y MANUTENCIÓN/  
INSTRUCTIONS FOR USE AND MAINTENANCE/  
INSTRUCTIONS D'USAGE ET ENTRETIEN/  
GEBRAUCHS- UND WARTUNGSANLEITUNG/

REVISION	01	DATE	10/11/2015	PRODUCED BY / APPROVED BY	P. Hernandez/ J. Marco
SECTION	DESCRIPTION				EFFECTIVE DATE OF CHANGE
2.2	A template to mark the chassis attachment points is added				10/11/2015

## INSTRUCTIONS FOR USE AND MAINTENANCE

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## 1. INTRODUCTION

The Dynatech RENO product consists of two supports on which the entire range of Dynatech safety gear and driving bars can be installed on an existing frame. The Quasar T-25 hybrid safety gear-governor can also be installed.

The supports are versatile, as slide and roller guide shoes can be installed, where required, as well as the Dynatech safety equipment. They also include different installation options, which means that the support width can be modified and adapt to a greater number of frames. The entire Quasar T-25 unit can also be installed, including the re-diverting pulley, on a single support.


The unit consists of two parts, one left and one right, and two installation options, as can be seen in diagram DYN 76.C006.

Acceptable Dynatech safety equipment:

- Quasar T-25
- ASG UD / ASG + T-25 UD / T-25
- PR-2500UD.v50 + T-3
- PR-3400UD + T-3
- PR-4000UD + T-3
- PR-2000UD + T-3
- PR-2500UD.v35 + T-2
- PR-2500 + T-1

## 2. INSTALLATION

Please read carefully the user and maintenance manual for the safety gear and driving bar to be installed on the RENO supports before starting installation.

 No nuts and bolts are supplied with the RENO unit.

### 2.1. RENO POSITION IDENTIFICATION

The RENO unit is formed by two supports that are the same and, therefore, it does not matter which is installed on the right and which on the left of the frame. Attention must be paid, however, to the vertical position of the RENO. As can be seen in Figure 1, the top part will be connected to the frame and the bottom part is equipped to house slide or roller shoe guides if they are to be installed on the RENO support.

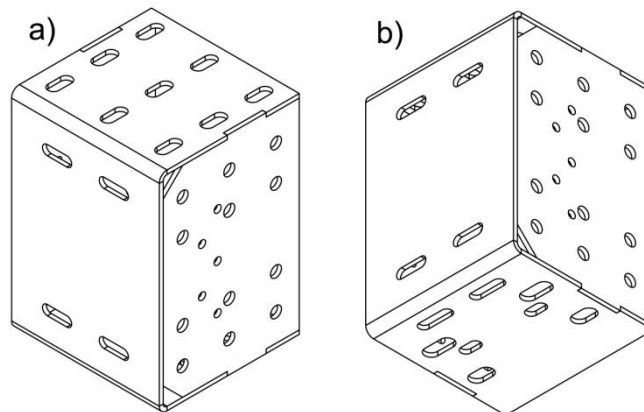
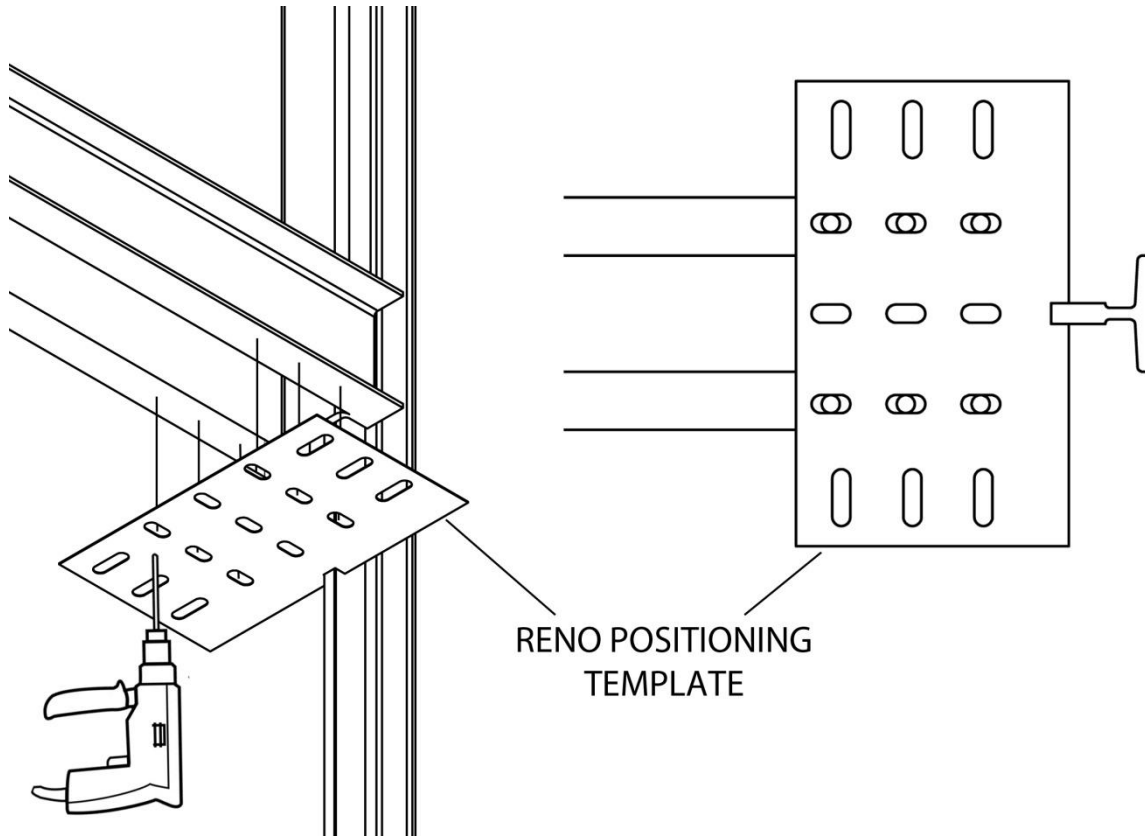


Figure 1: RENO Position. a) top side - frame support. b) bottom side - slide/roller shoe guide support

### 2.2. INSTALLATION OF RENO ON FRAME AND SAFETY GEAR ADJUSTMENT

Installation is simple and involves merely bolting the RENO support directly onto the frame using M14 bolts (see Figure 3).

Dynatech supplies a template to mark the chassis attachment points for the Reno unit. The template position is shown on the installation guiderail, where it is coupled via a slot. After being inserted, the required attachment points can be marked on the chassis to make the appropriate holes.



RENO POSITIONING  
TEMPLATE

Figure 2: Chassis attachment holes

Before tightening the bolts, the safety gear should be loosely installed on the RENO support (see Figure 4). This means that the position of the safety gear base can be adjusted in relation to the guide head (point “a” in Figure 5). Once the RENO support is attached to the frame, adjust the position of the safety gear brake shoe in relation to the edge of the guide rail (point “b” in Figure 5).

- ⚠ The safety gear must be adjusted in line with the user and maintenance manual of each safety gear.
- ⚠ The position of the RENO supports must be correct, making sure the safety gear is perfectly aligned (vertically and horizontally) with the guide rail. Incorrect installation could lead to malfunctioning.

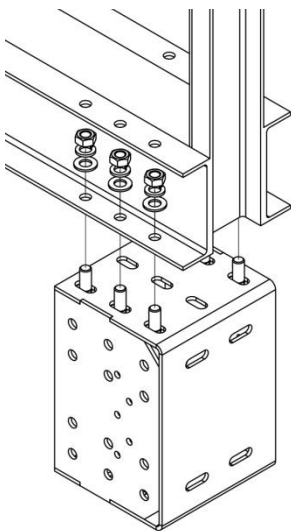


Figure 3: RENO  
installation on frame

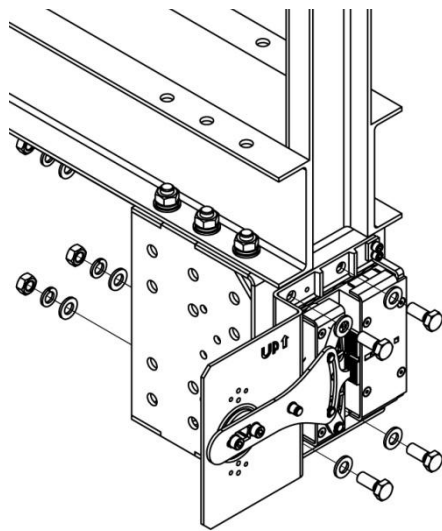


Figure 4: Safety gear installation on  
RENO

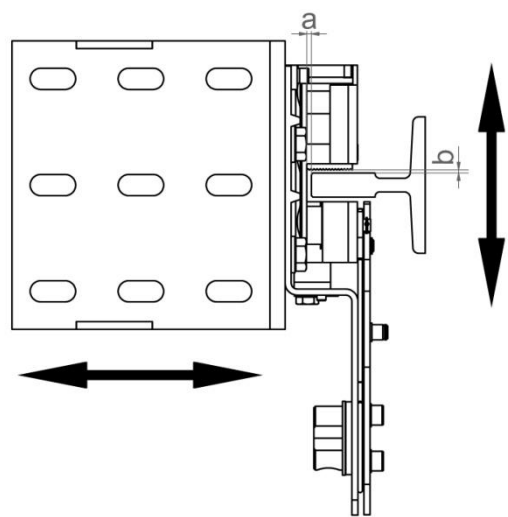



Figure 5: Safety gear adjustment

### 2.3. SLIDE / ROLLER SHOE GUIDE INSTALLATION ON RENO SUPPORT

The bottom side of the supports is equipped for installation of slide or roller guide shoes, if required (see Figure 6).

There are different slots for the installation of different types of slide and roller guide shoes and their adjustment.

 Before installing the slide/roller guide shoes, please consult diagram DYN 76.C001 to check whether these parts can be attached to the RENO supports.

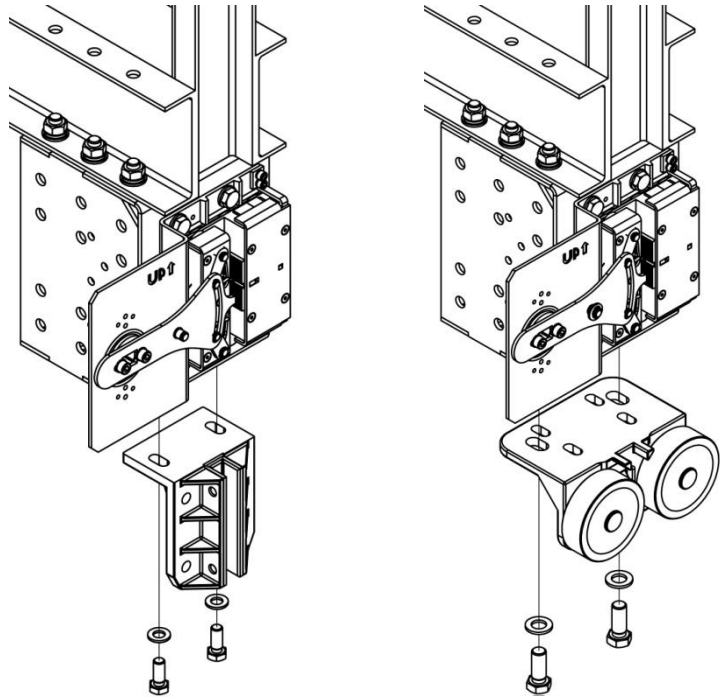


Figure 6: Slide/roller guide shoe installation

### 2.4. INSTALLATION OF DIFFERENT SAFETY GEAR ON RENO SUPPORTS

The following figures show the installation of the different Dynatech safety gears and driving bars, including the Quasar T-25 hybrid safety gear-governor.

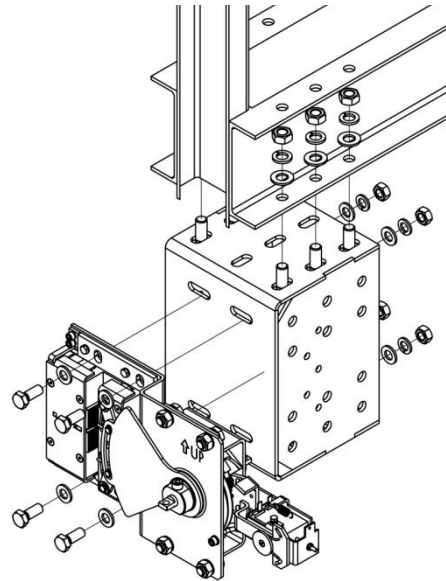


Figure 7: Quasar T-25 installation on RENO

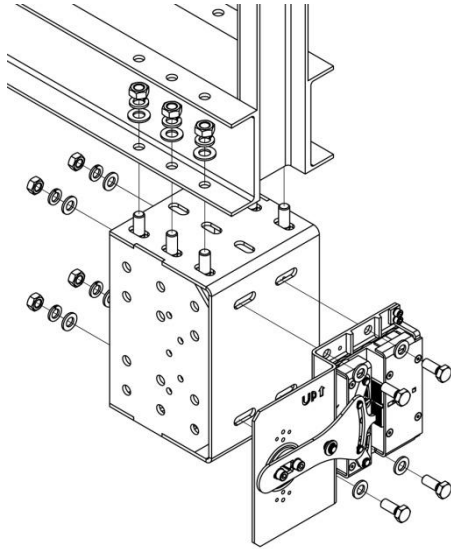


Figure 8: T-25 + ASG SERIES installation on RENO

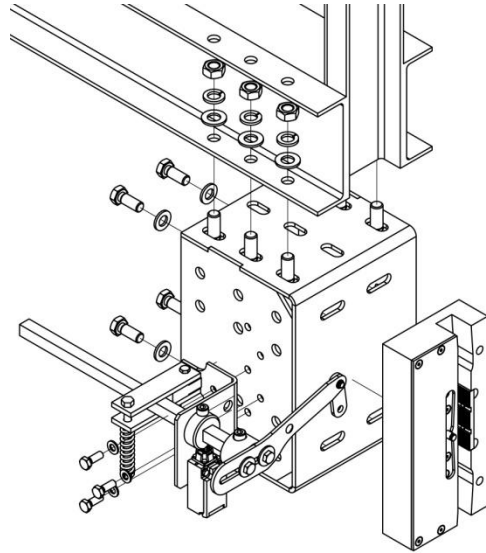


Figure 9: T-3 + PR-250UD.v50 installation on RENO


## 2.5. RENO SUPPORT OPTIONS

### 2.5.1. RENO INSTALLATION ADJUSTMENT FOR DIFFERENT FRAMES

Two parts for each RENO support are optionally available to modify the attachment position of these supports. This provides greater versatility and increases support possibilities on the frame

As can be seen in Figure 10, as the “Reno width modification adaptation” parts are installed, the distance between the support points is increased or decreased.

Diagram DYN 76.C005 shows the levels of the support points.

 The adaptation parts and the RENO supports must be connected using M14 bolts.

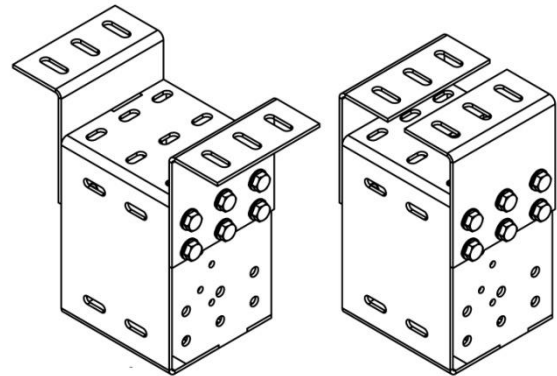


Figure 10: Attachment position modification option

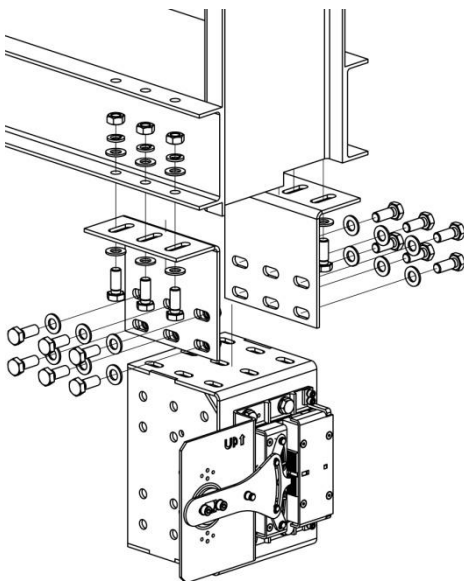


Figure 11: RENO installation with support modification option

### 2.5.2. QUASAR T-25 RE-DIVERSION PULLEY ADAPTATION

The “QT25 re-division pulley support” part is optionally available to integrate the installation of the entire Quasar T-25 unit on RENO supports.

⚠ Slide/roller guide shoes can also be adapted on this part, although you must first check that these parts do not interfere with “QT25 re-division pulley support” part.

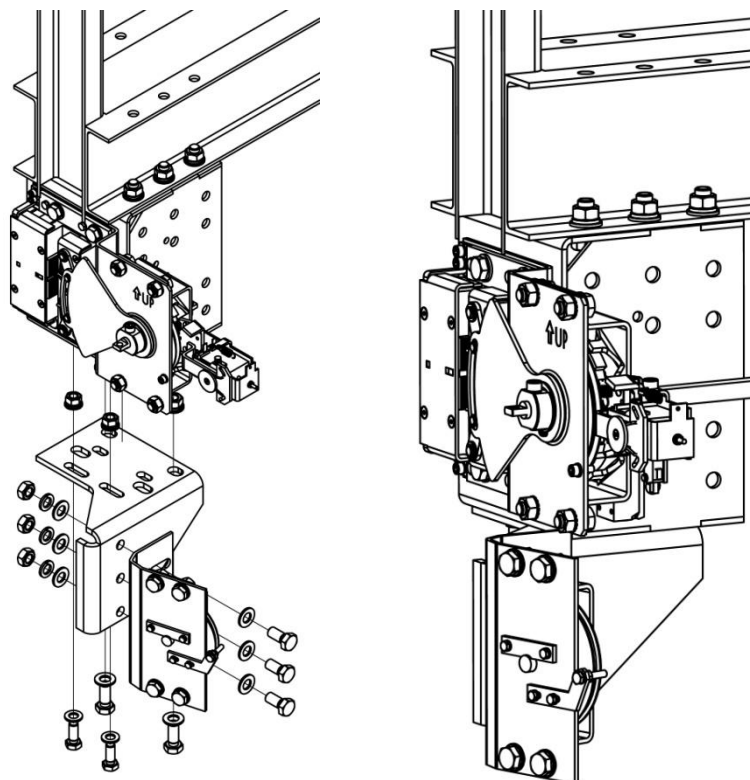
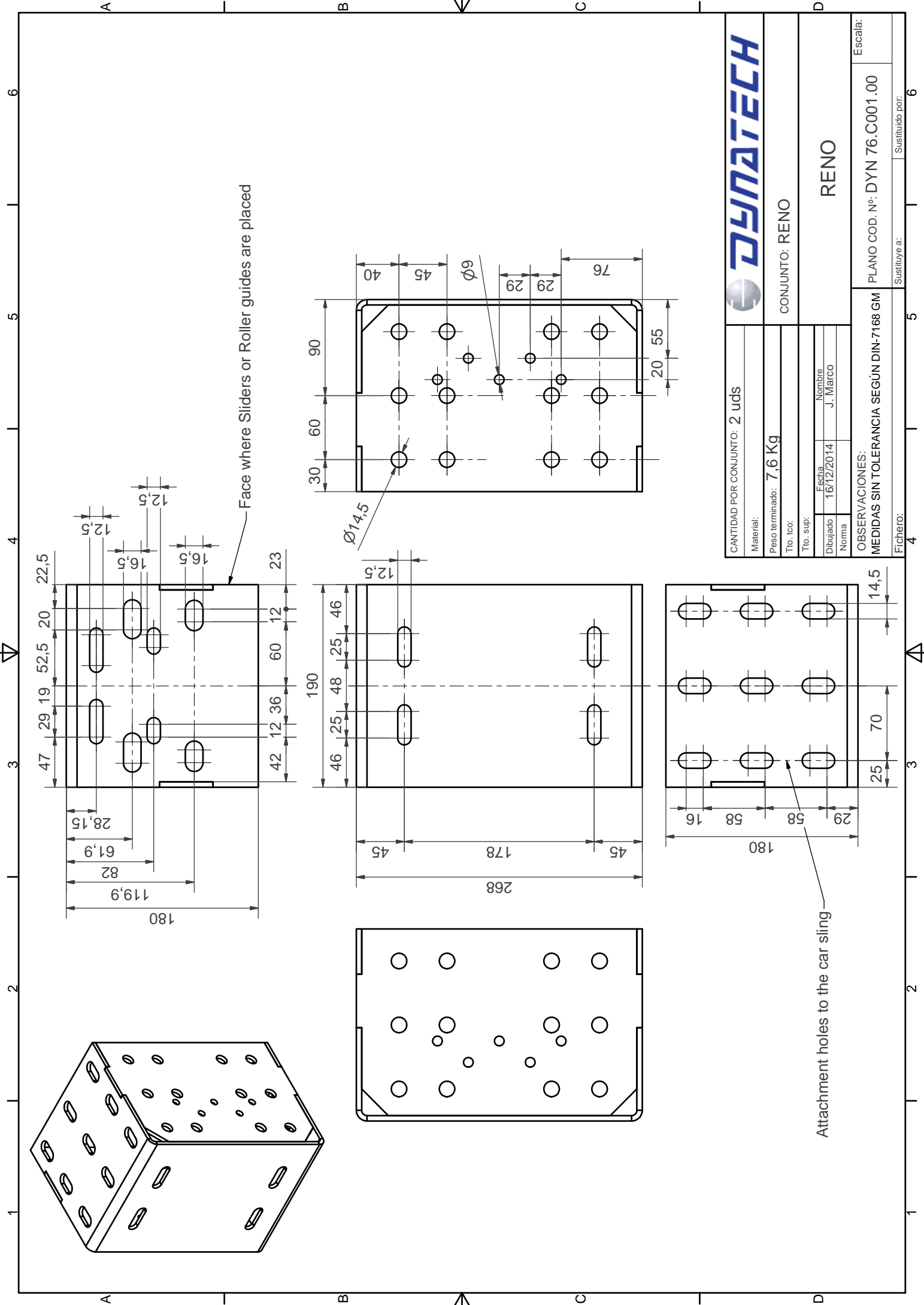


Figure 12: Quasar T-25 re-division pulley support





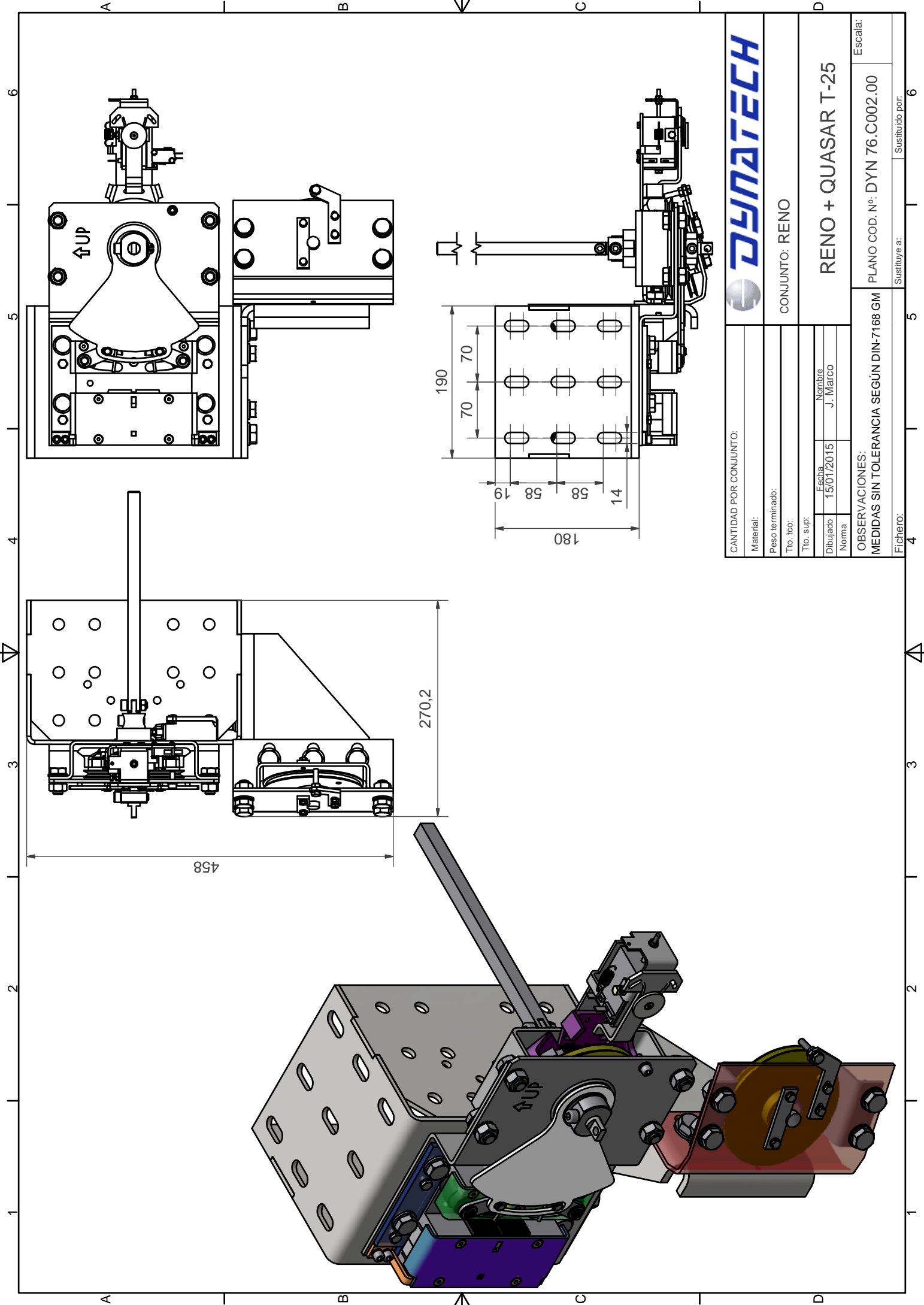
Face where Sliders or Roller guides are placed

Attachment holes to the car sling



CANTIDAD POR CONJUNTO: 2 uds	
Material:	
Peso terminado: 7,6 Kg	
Tto. tco:	
Tto. sup:	
Fecha	Nombre
16/12/2014	J. Marco
Norma	
CONJUNTO: RENO	
RENO	

ESCALA:	PLANO COD. N°: DYN 76.C001.00
OBSERVACIONES:	MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM
Fichero:	Sustituye a:
	Sustituido por:

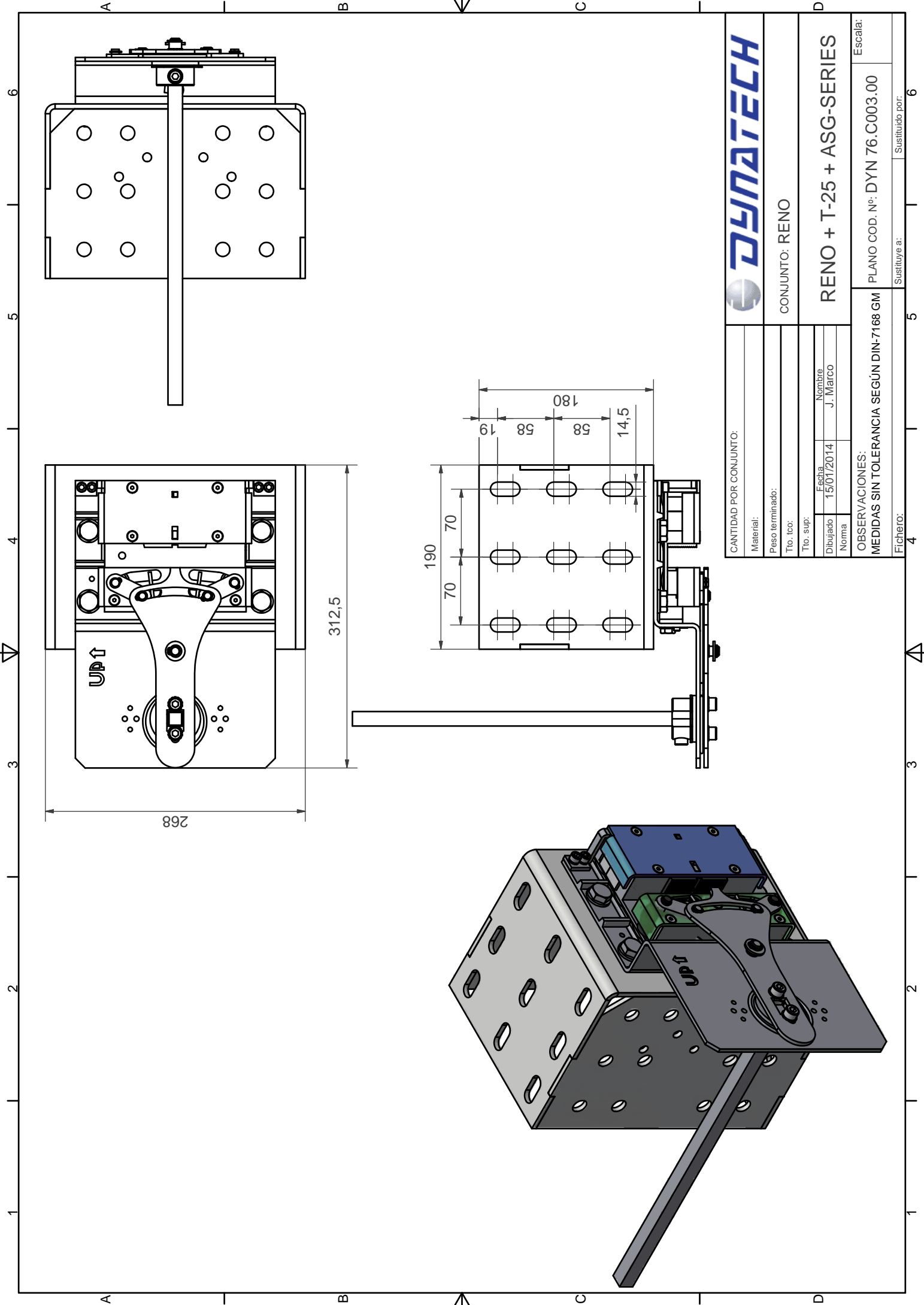


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Material:	
Peso terminado:	
Tto. tco:	
Tto. sup:	
Dibujado	Fecha
15/01/2015	15/01/2015
Norma	Nombre
	J. Marco
OBSERVACIONES:	
MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM	
Escala:	
PLANO COD. Nº: DYN 76.C002.00	
Fichero:	Sustituye a:
4	5
4	6



CONJUNTO: RENO

RENO + QUASAR T-25



CONJUNTO: RENO

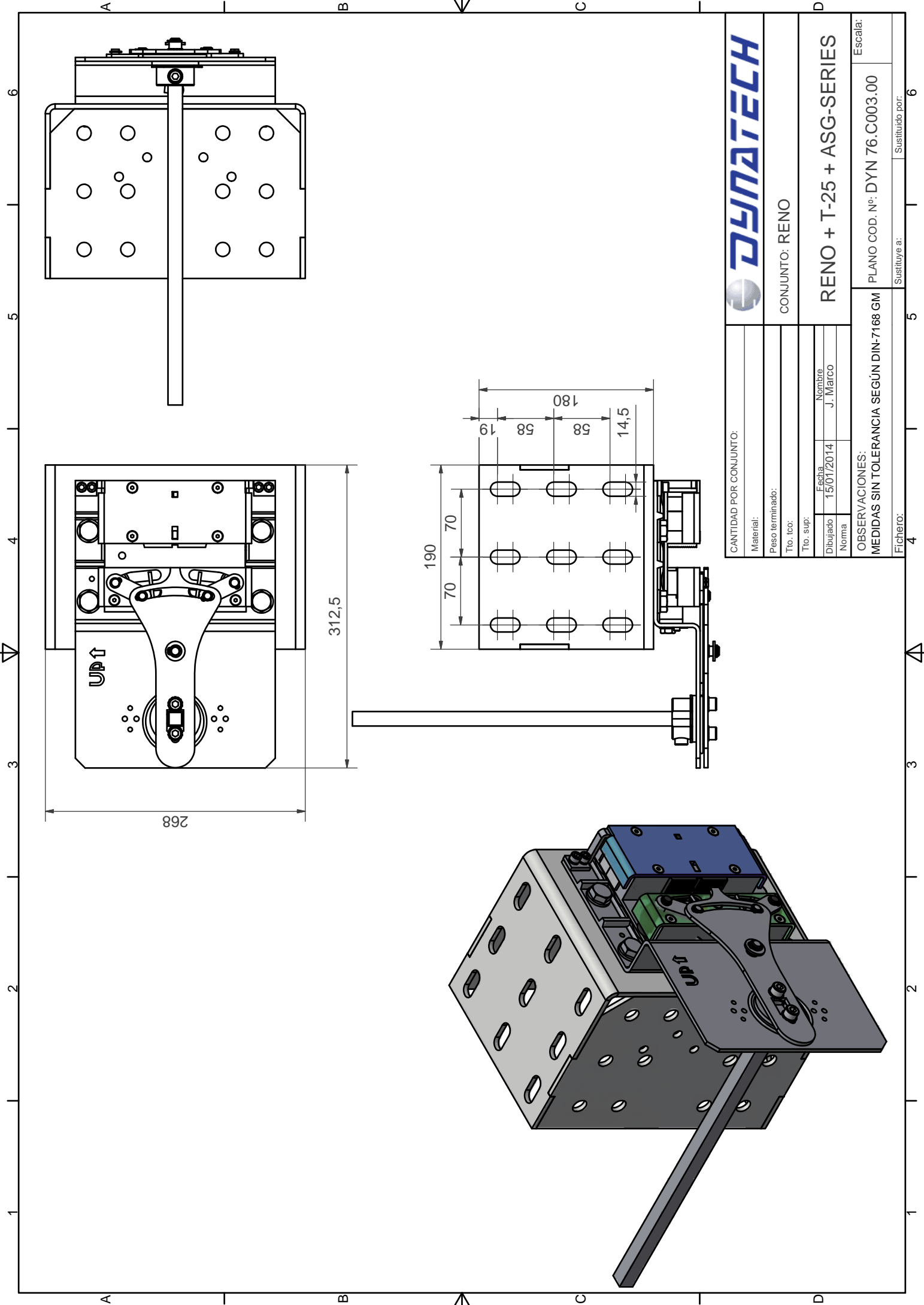
RENO + T-25 + ASG-SERIES

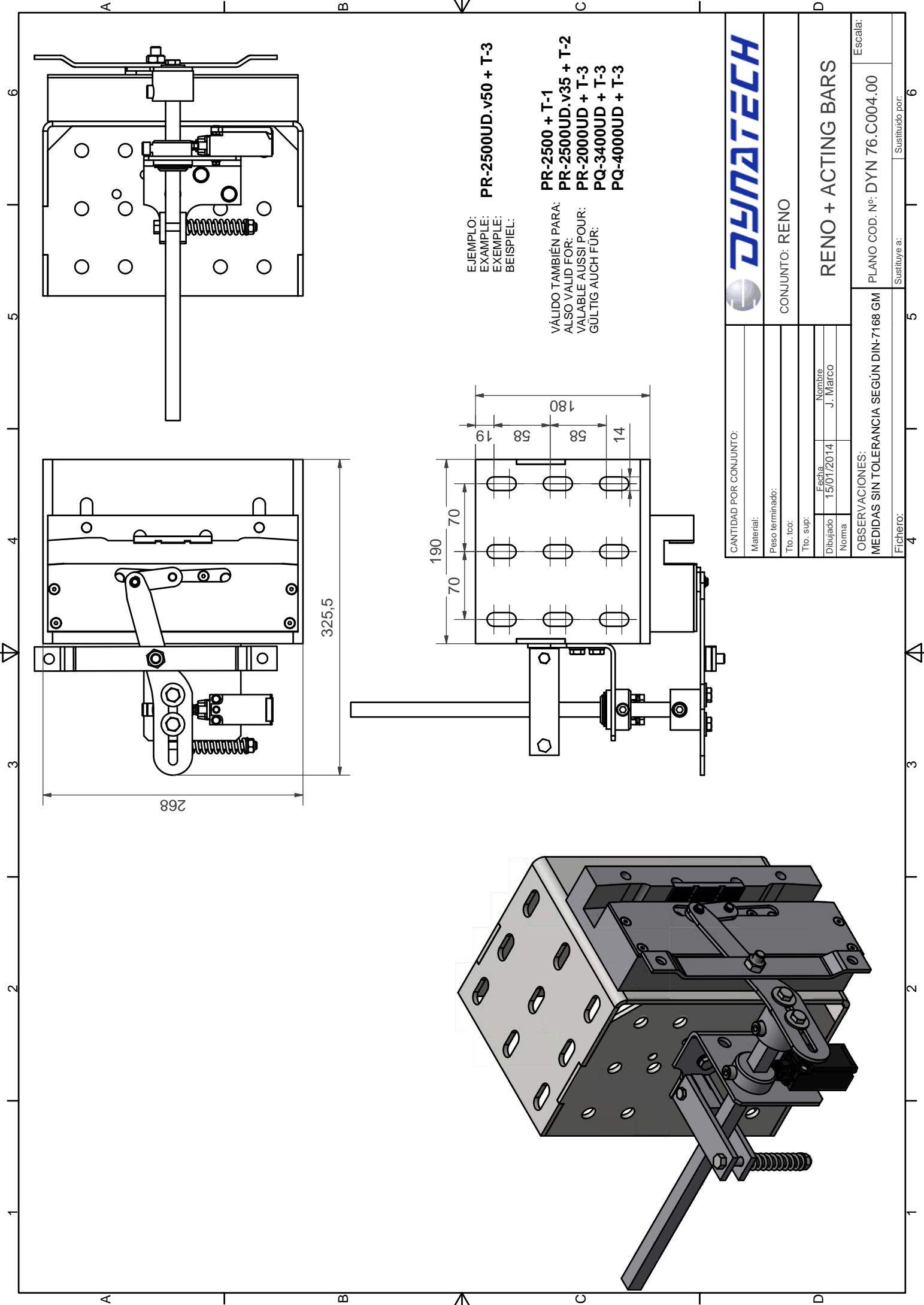
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Peso terminado:	
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Tto. sup:	
Dibujado	Fecha
15/01/2014	15/01/2014
Norma	Nombre
	J. Marco

OBSERVACIONES:  
MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM

Fichero: Sustituye a: Sustituido por:



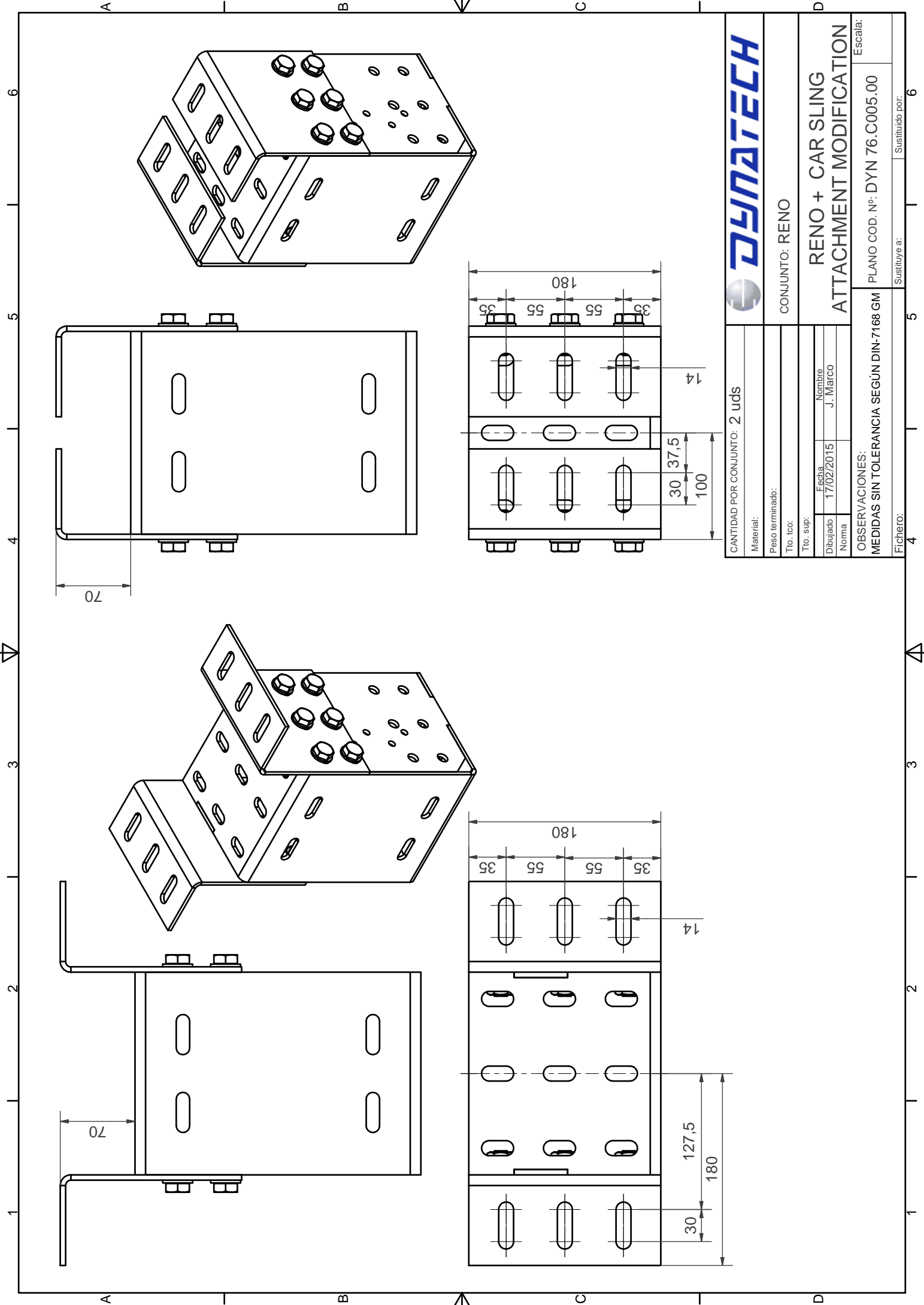


**PR-2500UD.V50 + T-3**  
**PR-2500 + T-1**  
**PR-2500UD.V35 + T-2**  
**PR-2000UD + T-3**  
**PQ-3400UD + T-3**  
**PQ-4000UD + T-3**

EJEMPLO:  
 EXAMPLE:  
 BEISPIEL:

VÁLIDO TAMBIÉN PARA:  
 ALSO VALID FOR:  
 VALABLE AUSSI POUR:  
 GÜLTIG AUCH FÜR:

CANTIDAD POR CONJUNTO:			
Material:		CONJUNTO: RENO	
Peso terminado:		RENO + ACTING BARS	
Tto. tco:		PLANO COD. Nº: DYN 76.C004.00	
Tto. sup:		Escala:	
Dibujado	Fecha	Nombre	
Norma	15/01/2014	J. Marco	
OBSERVACIONES: MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM			
Fichero:		Sustituye a:	
4	5	5	6



CANTIDAD POR CONJUNTO: 2 uds	
Material:	
Peso terminado:	
Tto. tco:	
Tto. sup:	
Dibujado	Fecha
17/02/2015	17/02/2015
Norma	Nombre
	J. Marco

CONJUNTO: RENO

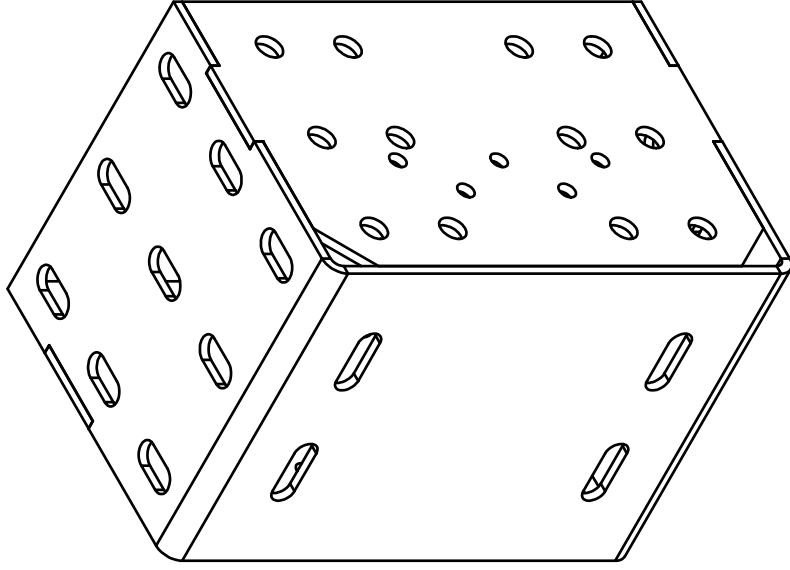
**RENO + CAR SLING  
ATTACHMENT MODIFICATION**

ESCALA:  
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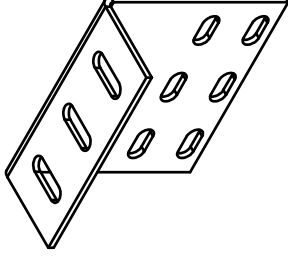
OBSERVACIONES:  
MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM

Fichero:	
Sustituye a:	
Sustituido por:	

**2X** SOPORTES RENO/  
RENO SUPPORTS/  
SUPPORTS RENO/  
RENO-HALTERUNGEN

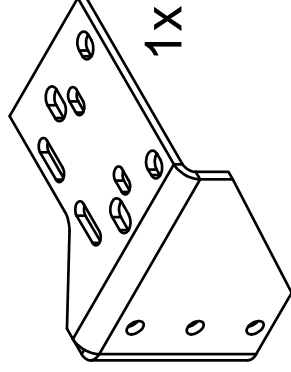


**OPCIÓN AJUSTE DE MONTAJE RENO PARA DIFERENTES CHASIS/  
RENO INSTALLATION ADJUSTMENT OPTION FOR DIFFERENT FRAMES/  
OPTION DE RÉGLAGE DU MONTAGE DU SUPPORT RENO POUR  
DIFFÉRENTS CHÂSSIS/  
OPTIONALE EINSTELLUNG DER RENO-HALTERUNGEN ZUM EINBAU IN  
VERSCHIEDENE RAHMEN**



**4X** ADAPTACIÓN MODIFICACIÓN ANCHURA RENO/  
RENO WIDTH MODIFICATION ADAPTATION/  
ADAPTATION MODIFICATION DE LA LARGEUR  
DU SUPPORT RENO/  
ANPASSUNG/ÄNDERUNG BREITE RENO

**OPCIÓN ADAPTACIÓN POLEA DE REDESÍO QUASAR T-25/  
QUASAR T-25 RE-DIVERSION PULLEY ADAPTATION OPTION/  
OPTION D'ADAPTATION DE LA POULIE DE RENVOI QUASAR T-25/  
OPTIONALE ANPASSUNG DER UMLENKROLLE DES QUASAR T-25**



**1X** AMARRE POLEA DE REDESÍO QT25/  
QUASAR T-25 RE-DIVERSION PULLEY SUPPORT/  
ARRIMAGE POULIE DE RENVOI QT25/  
BEFESTIGUNG UMLENKROLLE DES QT25

CANTIDAD POR CONJUNTO:

Material:

Peso terminado:

Tlo. tco:

Tlo. sup:

Dibujado 16/02/2015

Fecha 16/02/2015

Nombre J. Marco

Norma

CONJUNTO: RENO

Identificación de los componentes/ Identification of  
the components/ Identification des composants/  
Bezeichnung de componenten

OBSERVACIONES:

MEDIDAS SIN TOLERANCIA SEGÚN DIN-7168 GM

PLANO COD. Nº: DYN 76.C006.00

Escala:

Fichero: 4

Sustituye a:

Sustituido por:

6

3

2

1

A

B

C

D

A

B

C

D

6

3

2

1