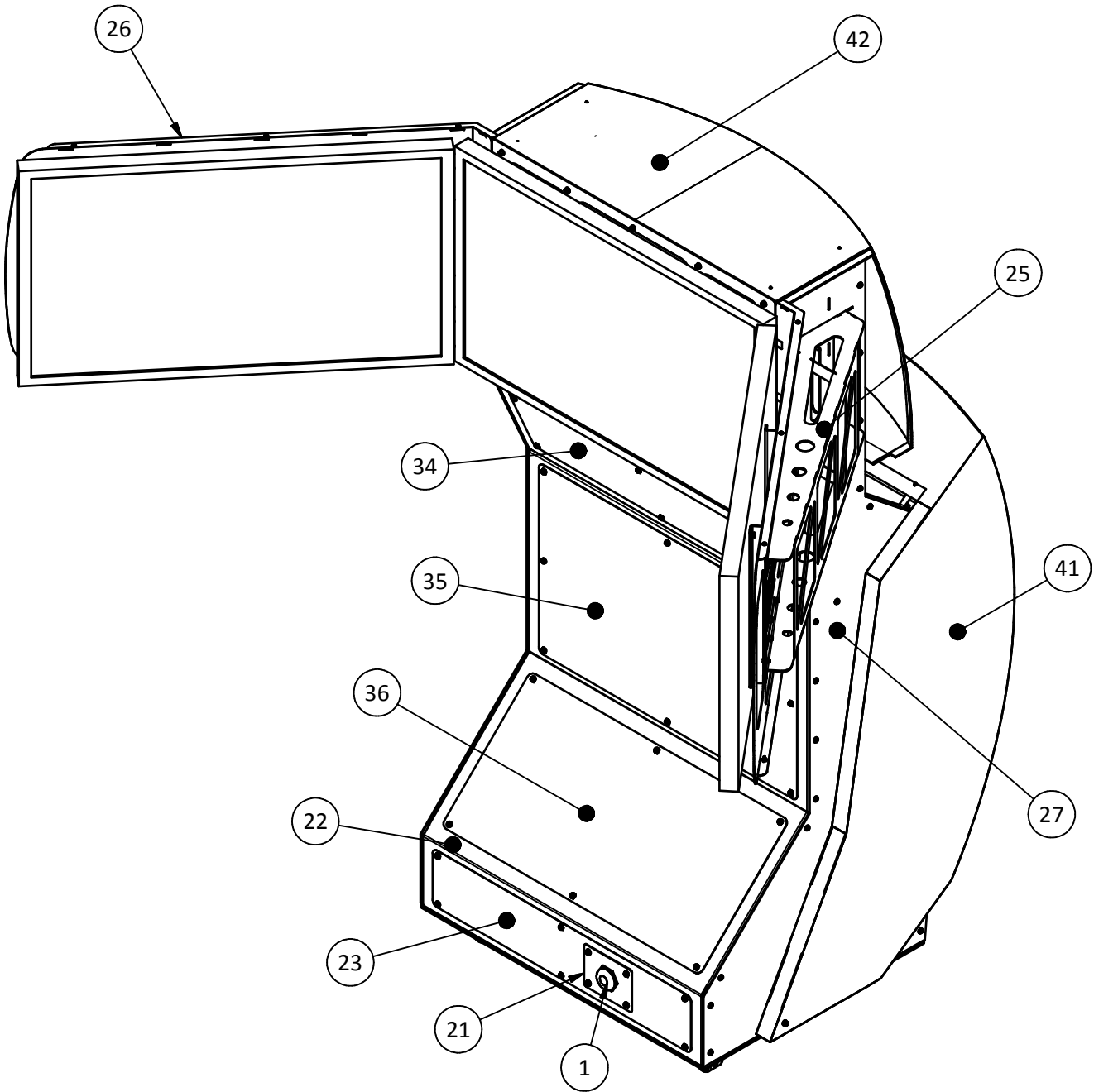


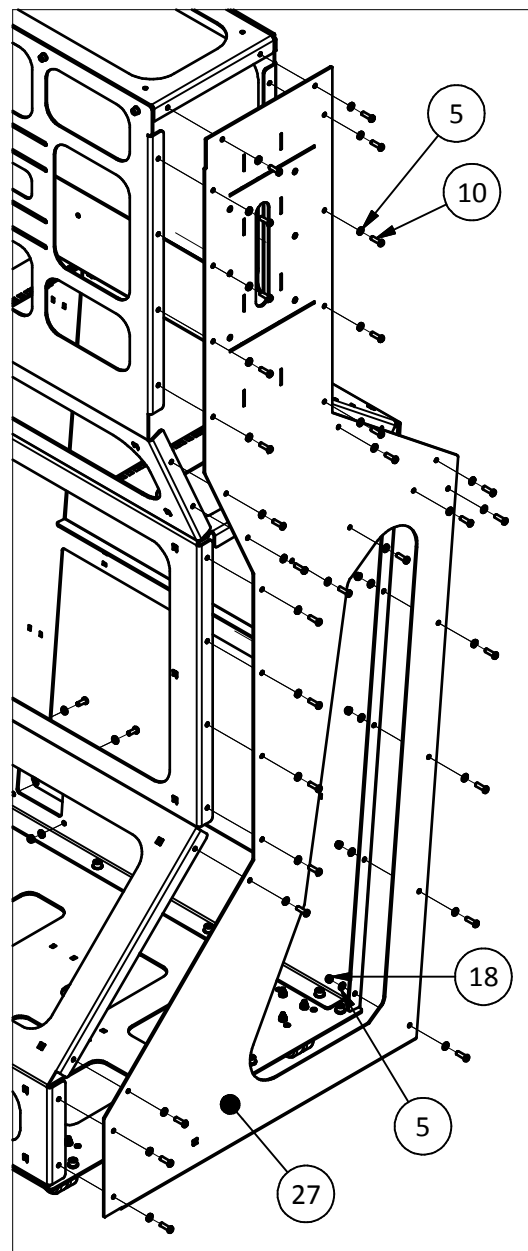
# ENSAMBLAJE ESTRUCTURA DE PANTALLAS

| ITEM | QTY | PART NUMBER  | DESCRIPTION  | ID Ref. |
|------|-----|--|--|---------|
| 1    | 1   | 159 7050 699 02 M=50 d=30                            | Prensaestopa Skiffy Serie 159-1                        |         |
| 2    | 1   | BRZ-CON-04-PLUGPANEL001                              | Plug panel, chapa 1.5 mm.                              | 1206    |
| 3    | 1   | COMPUTER-HP-Z420                                     | Ordenador 4GBRAM 32GBSSD                               | 619     |
| 4    | 27  | DIN 125 - A 4,3 P                                    | Washer   |         |
| 5    | 245 | DIN 125 - A 6,4 P                                    | Washer   |         |
| 6    | 56  | DIN 125 - A 8,4                                      | Washer   |         |
| 7    | 59  | DIN 127 - A 6 P                                      | Spring Washer  |         |
| 8    | 17  | DIN 7380 - M4 x 12 P                                 | Hexagon Socket Button Head Screw - Product grade A     |         |
| 9    | 39  | DIN 7380 - M6 x 16 P                                 | Hexagon Socket Button Head Screw - Product grade A     |         |
| 10   | 60  | DIN 7380 - M6 x 20 P                                 | Hexagon Socket Button Head Screw - Product grade A     |         |
| 11   | 8   | DIN 7991 - M4x20                                     | Hexagon socket countersunk head cap screws             |         |
| 12   | 2   | DIN 912 - M4 x 12                                    | Tornillo de cabeza cilíndrica                          |         |
| 13   | 53  | DIN 912 - M6 x 20                                    | Cylinder Head Cap Screw                                |         |
| 14   | 12  | DIN 912 - M6 x 25                                    | Cylinder Head Cap Screw                                |         |
| 15   | 16  | DIN 912 - M8 x 1 x 20                                | Cylinder Head Cap Screw                                |         |
| 16   | 12  | DIN 912 - M8 x 20                                    | Cylinder Head Cap Screw                                |         |
| 17   | 8   | DIN 985 - M4   | Hex Nut  |         |
| 18   | 80  | DIN 985 - M6   | Hex Nut  |         |
| 19   | 12  | DIN 985 - M8   | Hex Nut  |         |
| 20   | 16  | DIN 985 - M8 x 1                                     | Hex Nut  |         |
| 21   | 1   | GLD-SMT-03-PACA01                                    | Chapa pasa cables, espesor 1.5 mm                      | 1754    |
| 22   | 1   | GLD-SMT-03-TAFB01                                    | Chapa inferior estructura TV. Chapa 3 mm               | 986     |
| 23   | 1   | GLD-SMT-03-TAPAFAB01                                 | Tapa delantera pequeña, espesor 1 mm                   | 1418    |
| 24   | 1   | GLD-V003-BASE001                                     | Conjunto atornillado del suelo mas acoplador a 3DOF250 |         |
| 25   | 1   | GLD-V003-BRAZOPSF002                                 | Conjunto atornillado del brazo + soporte fibra         |         |
| 26   | 1   | GLD-V003-BRAZOPSF002                                 | Conjunto atornillado del brazo + soporte fibra         |         |
| 27   | 1   | GLD-V003-COSSD001                                    | Soldadura Costilla Dcha y Cartelas                     | 1410    |
| 28   | 1   | GLD-V003-COSSI001                                    | Soldadura costilla Izda y cartelas                     | 981     |
| 29   | 2   | GLD-V003-SCF001                                      | Soldadura Fijacion Lateral Fibra Trasera               | 982     |
| 30   | 6   | GLD-V003-SCSTV002                                    | Soldadura Sujección Televisiones                       | 1416    |
| 31   | 2   | GLD-V003-SSF002                                      | Soldadura Sujección Fibra Trasera Posterior            | 993     |
| 32   | 1   | GLD-V003-SSFS002                                     | Soporte de carcasa de fibra delantera superior         | 1415    |
| 33   | 1   | GLD-V003-TAFA002                                     | Soporte TV. Espesor 3 mm.                              | 1411    |
| 34   | 1   | GLD-V003-TAPAFAB001                                  | Tapa delantera pequeña, espesor 1 mm                   | 987     |
| 35   | 1   | GLD-V003-TAPAFM001                                   | Tapa delantera grande, espesor 1 mm                    | 989     |
| 36   | 1   | GLD-V003-TAPAFMB001                                  | Tapa delantera mediana, espesor 1 mm                   | 990     |
| 37   | 1   | GLD-V003-TAPAT001                                    | Tapa para ventiladores. Espesor 2 mm                   | 991     |
| 38   | 1   | GLD-V003-TATA002                                     | Tapa trasera de la estructura de TV. Espesor 3 mm      | 992     |
| 39   | 45  | Harrison Spring Steel Cage Nut M6 9563 o equivalente | Tuerca jaula M6 para chapa 2.8-3.5                     |         |
| 40   | 1   | SMK-01-RACKUNI001                                    | Bandeja rack 19" componentes, chapa 1.5 mm             | 1770    |
| 41   | 1   | SMT-V001-CDI002                                      | Carcasa de fibra posterior                             | 1087    |
| 42   | 1   | SMT-V001-CDSS001                                     | Fibra Trasera Pantalla Frontal                         | 1088    |
| 43   | 1   | SMT-V001-SSFI001                                     | Soldadura Chapa Superior                               | 994     |

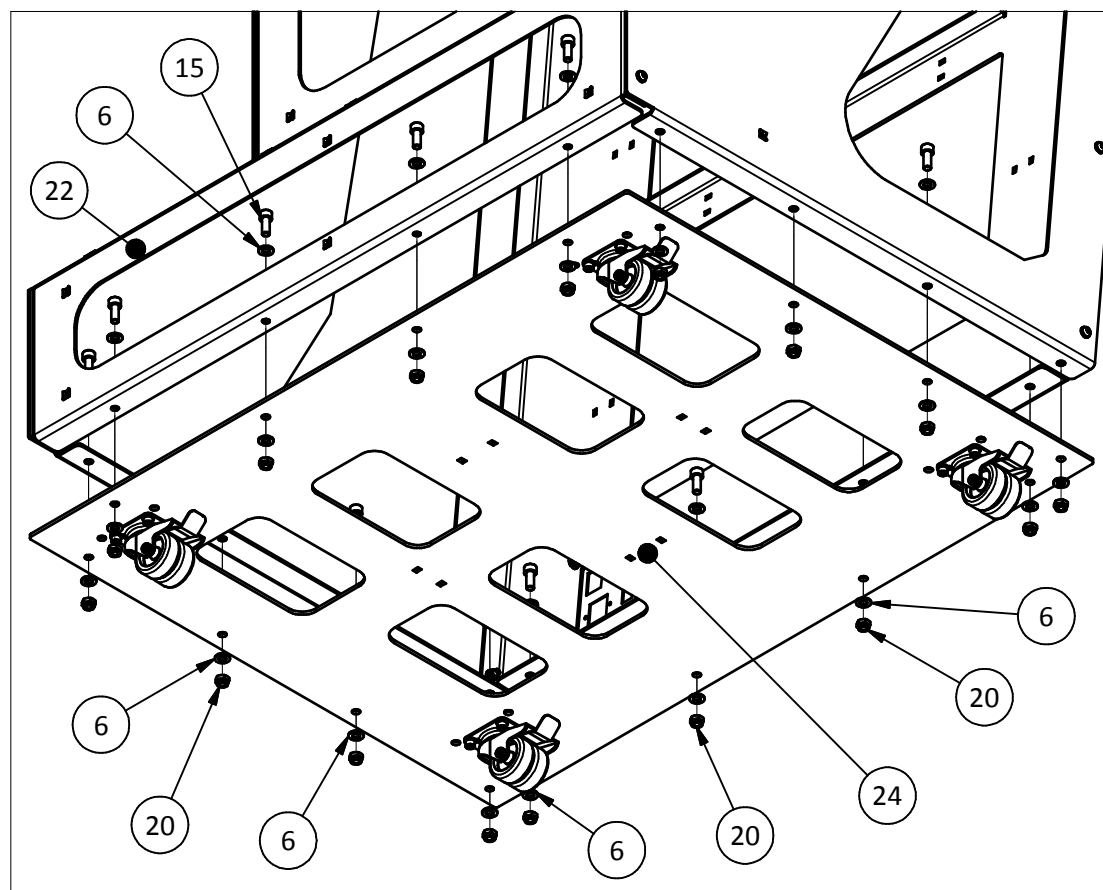


|   |   |                             |      |                            |            |
|---|---|-----------------------------|------|----------------------------|------------|
| SCALE:  |  | Planos Ensamblaje           |      | DRAWN: Raúl Rodríguez G.   | 10/04/2014 |
|   |   | Estructura de pantallas     |      | CHECKED: Sergio Torremocha | 10/04/2014 |
|   |   |                             |      | DWG NO:                    |            |
|  |   | SMK-GLDXXX-03-TOWER01-ENS01 |      |                            |            |
|   |   | REV                         | SIZE | SHEET                      |            |
|   |   |                             | A3   | 1 / 8                      |            |

## MONTAJE COSTILLAS LATERALES



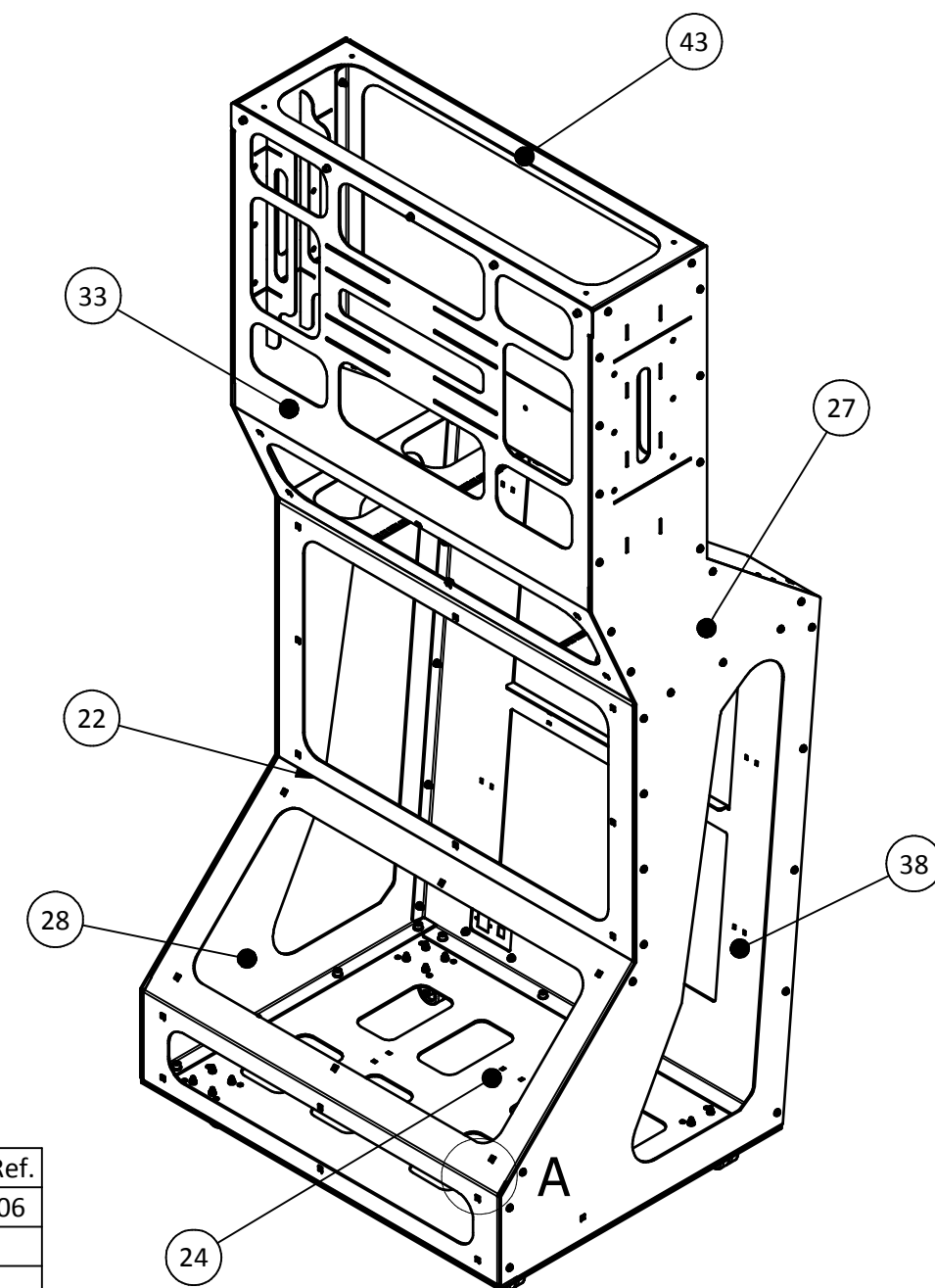
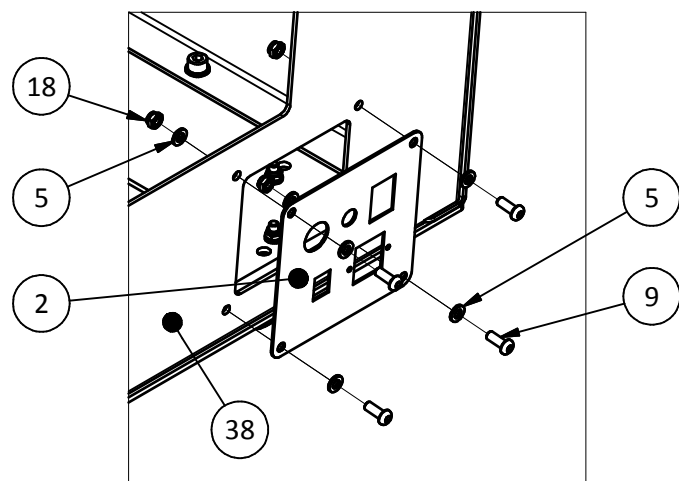
## MONTAJE BASE CON RUEDAS



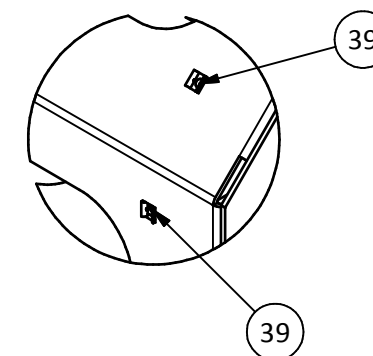
**NOTA:** Colocar tuercas de jaulilla en los orificios cuadrados repartidos por toda la estructura metálica.

| ITEM | QTY | PART NUMBER  | DESCRIPTION  | ID Ref. |
|------|-----|--|--|---------|
| 2    | 1   | BRZ-CON-04-PLUGPANEL001                              | Plug panel, chapa 1.5 mm.                              | 1206    |
| 5    | 245 | DIN 125 - A 6,4 P                                    | Washer   |         |
| 6    | 56  | DIN 125 - A 8,4                                      | Washer   |         |
| 9    | 39  | DIN 7380 - M6 x 16 P                                 | Hexagon Socket Button Head Screw - Product grade A     |         |
| 10   | 60  | DIN 7380 - M6 x 20 P                                 | Hexagon Socket Button Head Screw - Product grade A     |         |
| 15   | 16  | DIN 912 - M8 x 1 x 20                                | Cylinder Head Cap Screw                                |         |
| 18   | 80  | DIN 985 - M6   | Hex Nut  |         |
| 20   | 16  | DIN 985 - M8 x 1                                     | Hex Nut  |         |
| 22   | 1   | GLD-SMT-03-TAFB01                                    | Chapa inferior estructura TV. Chapa 3 mm               | 986     |
| 24   | 1   | GLD-V003-BASE001                                     | Conjunto atornillado del suelo mas acoplador a 3DOF250 |         |
| 27   | 1   | GLD-V003-COSSD001                                    | Soldadura Costilla Dcha y Cartelas                     | 1410    |
| 28   | 1   | GLD-V003-COSI001                                     | Soldadura costilla Izda y cartelas                     | 981     |
| 33   | 1   | GLD-V003-TAFA002                                     | Soporte TV. Espesor 3 mm.                              | 1411    |
| 38   | 1   | GLD-V003-TATA002                                     | Tapa trasera de la estructura de TV. Espesor 3 mm      | 992     |
| 39   | 45  | Harrison Spring Steel Cage Nut M6 9563 o equivalente | Tuerca jaula M6 para chapa 2.8-3.5                     |         |
| 43   | 1   | SMT-V001-SSFI001                                     | Soldadura Chapa Superior                               | 994     |

## MONTAJE PLUGPANEL



A (1 : 4)



SCALE:



Planos Ensamblaje  
Estructura de pantallas



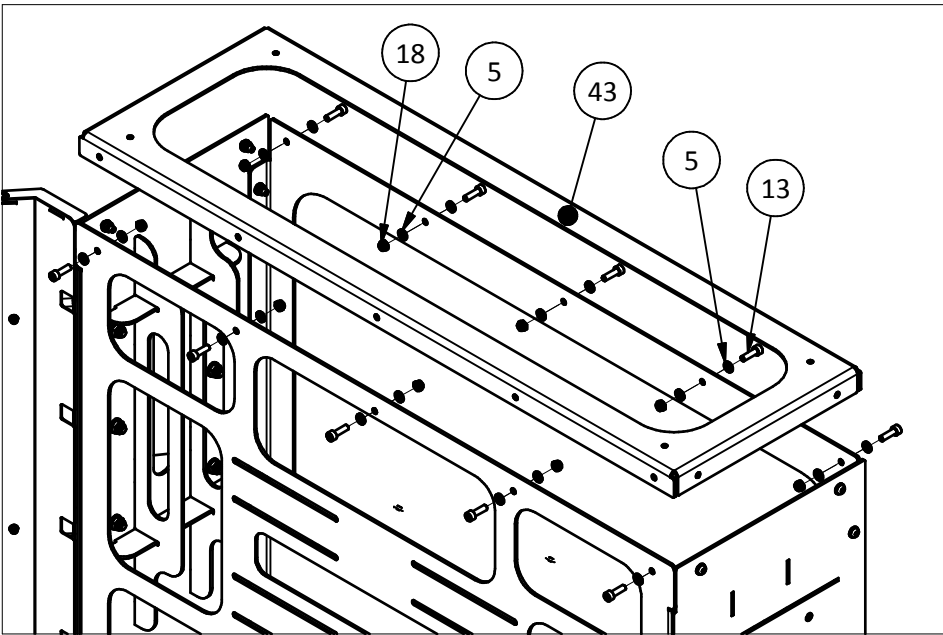
DRAWN: Raúl Rodríguez G. 10/04/2014

CHECKED: Sergio Torremocha 10/04/2014

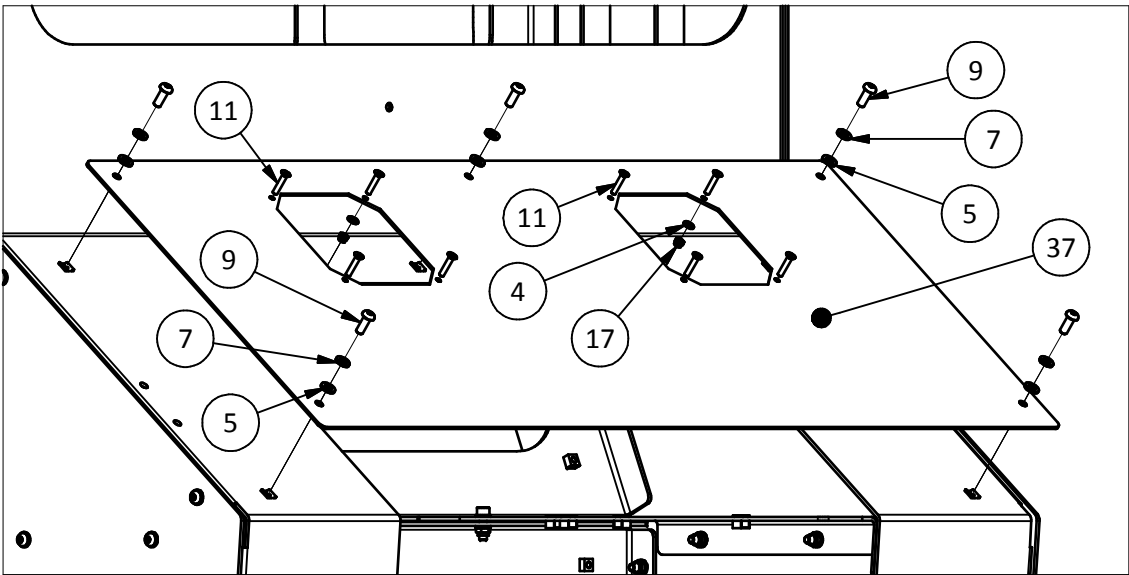
DWG NO: SMK-GLDXXX-03-TOWER01-ENS01

REV SIZE SHEET  
A3 2 / 8

MONTAJE FIJACIÓN SUPERIOR

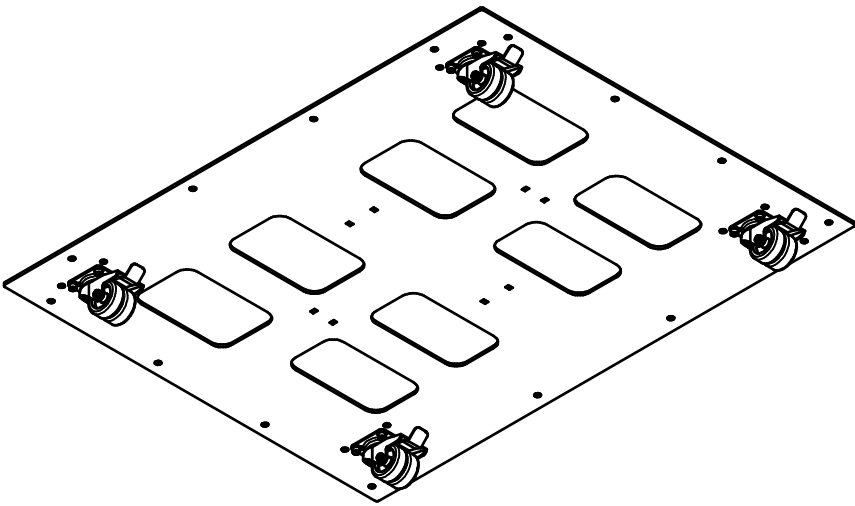


MONTAJE CHAPA VENTILADORES

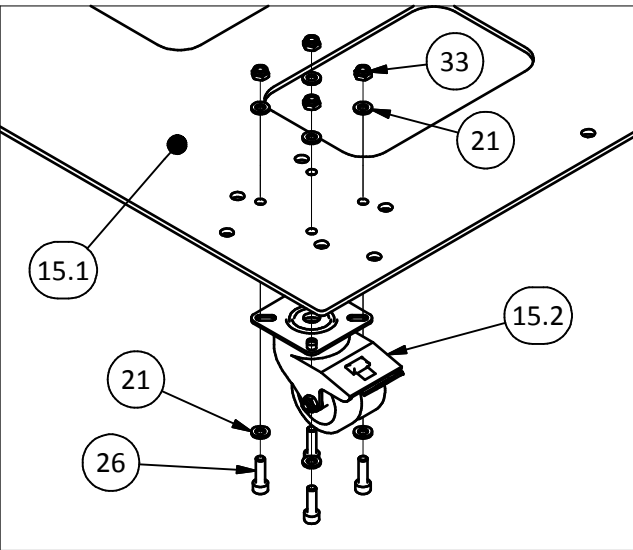


| ITEM | QTY | PART NUMBER          | DESCRIPTION  | ID Ref. |
|------|-----|----------------------|--|---------|
| 5    | 245 | DIN 125 - A 6,4 P    | Washer   |         |
| 7    | 59  | DIN 127 - A 6 P      | Spring Washer  |         |
| 9    | 39  | DIN 7380 - M6 x 16 P | Hexagon Socket Button Head Screw - Product grade A     |         |
| 13   | 53  | DIN 912 - M6 x 20    | Cylinder Head Cap Screw                                |         |
| 18   | 80  | DIN 985 - M6         | Hex Nut  |         |
| 24   | 1   | GLD-V003-BASE001     | Conjunto atornillado del suelo mas acoplador a 3DOF250 |         |
| 37   | 1   | GLD-V003-TAPAT001    | Tapa para ventiladores. Espesor 2 mm                   | 991     |
| 43   | 1   | SMT-V001-SSFI001     | Soldadura Chapa Superior                               | 994     |



GLD-V003-BASE001 ( 1 : 10 )



MONTAJE DE RUEDAS

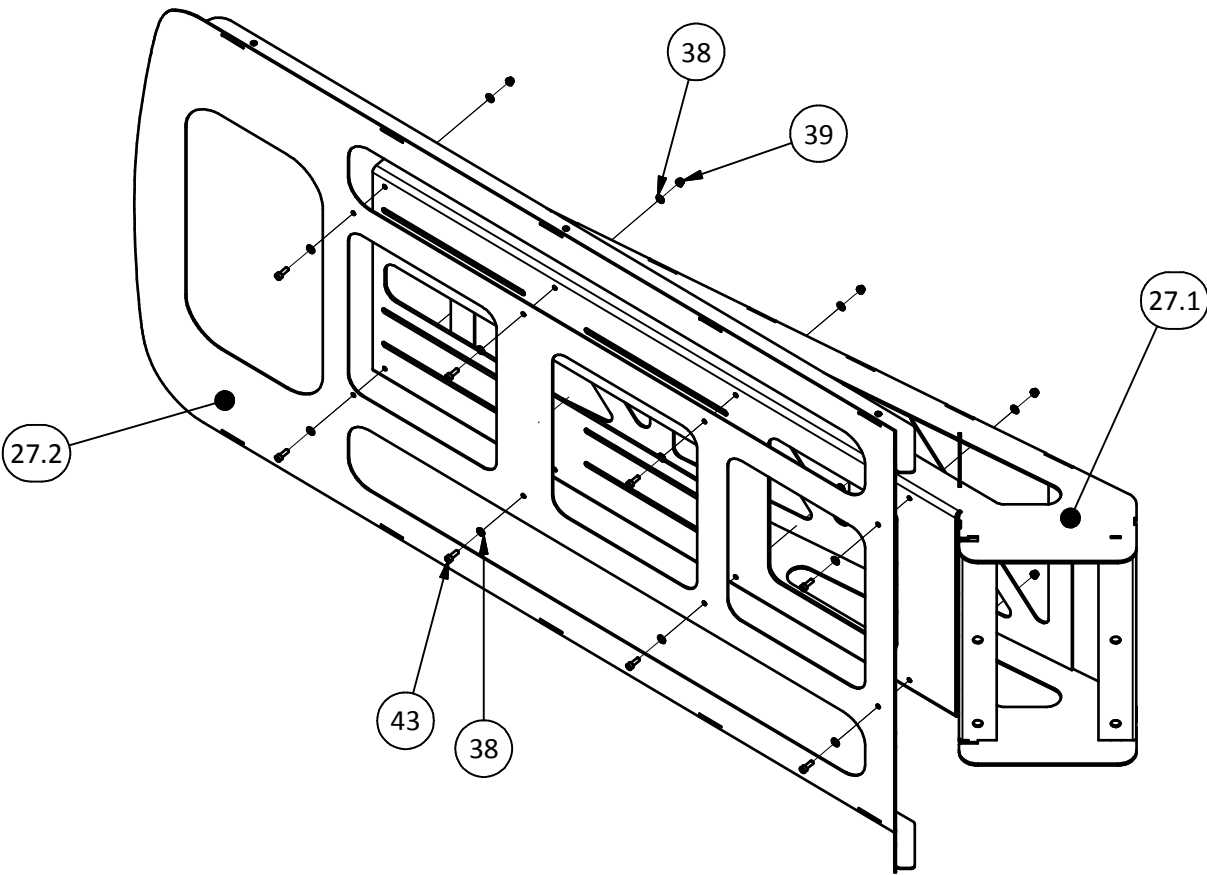


| ITEM | QTY | PART NUMBER       | DESCRIPTION                              |
|------|-----|-------------------|--|
| 15.1 | 1   | GLD-V003-BASE002  | Base estructura TV. Espesor 4 mm.        |
| 15.2 | 4   | 2975 PJO 050 P40  | Rueda giratoria con freno TENTE, D=50 mm |
| 21   | 32  | DIN 125 - A 6,4 P | Washer                                   |
| 26   | 16  | DIN 912 - M6 x 20 | Cylinder Head Cap Screw                  |
| 33   | 16  | DIN 985 - M6      | Hex Nut                                  |

|   |  |                            |            |
|---|--|----------------------------|------------|
| SCALE:  | Planos Ensamblaje<br>Estructura de pantallas | DRAWN: Raúl Rodríguez G.   | 10/04/2014 |
|  |  | CHECKED: Sergio Torremocha | 10/04/2014 |
| DWG NO:<br>SMK-GLDXXX-03-TOWER01-ENS01  |  |                            |            |
|  |  | REV                        | SHEET      |
|   |  | SIZE<br>A3                 | 3 / 8      |

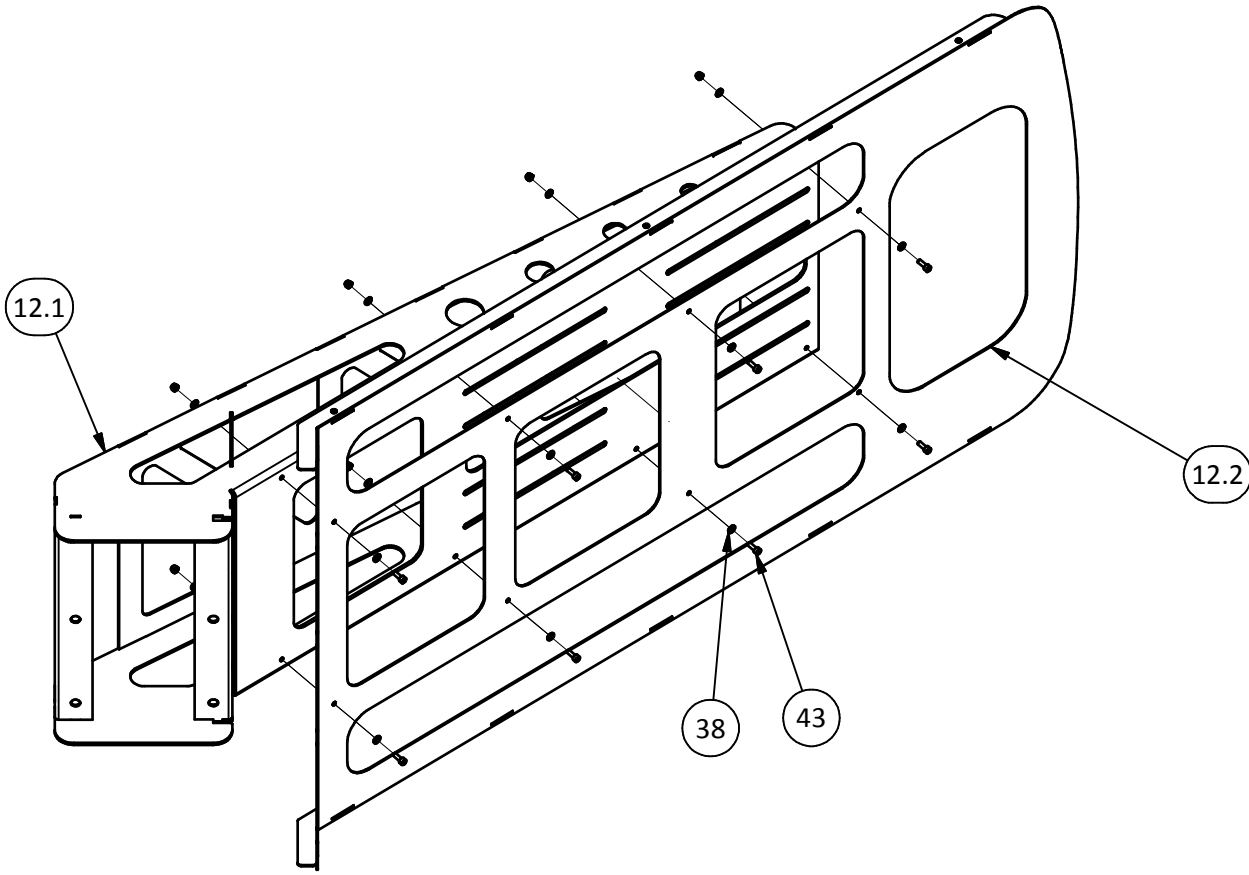
MONTAJE DE BRAZOS  
SOPORTES DE PANTALLAS

GLD-V003-BRAZOPSPFD002 ( 1 : 8 )



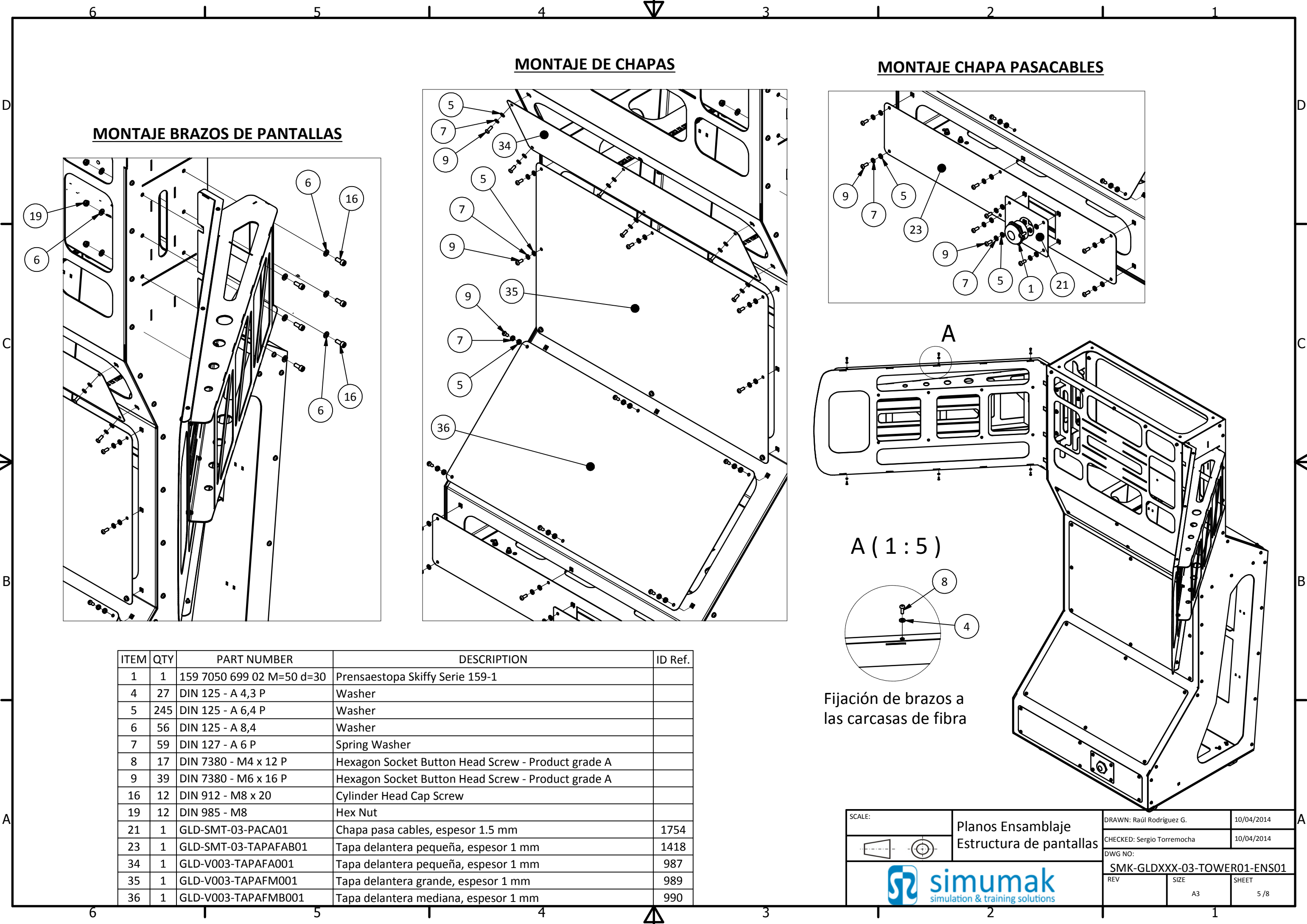
| ITEM | QTY | PART NUMBER         | DESCRIPTION                         |
|------|-----|---------------------|-------------------------------------|
| 27.1 | 1   | GLD-V003-BRAZOPD002 | Soldadura Brazo TV                  |
| 27.2 | 1   | GLD-V003-SPFD002    | Soldadura Soporte Fibra, Brazo Dcho |
| 38   | 16  | DIN 125 - A 4,3 P   | Washer                              |
| 39   | 8   | DIN 985 - M4        | Hex Nut                             |
| 43   | 8   | DIN 912 - M4 x 12   | Cylinder Head Cap Screw             |

GLD-V003-BRAZOPSF002 ( 1 : 8 )

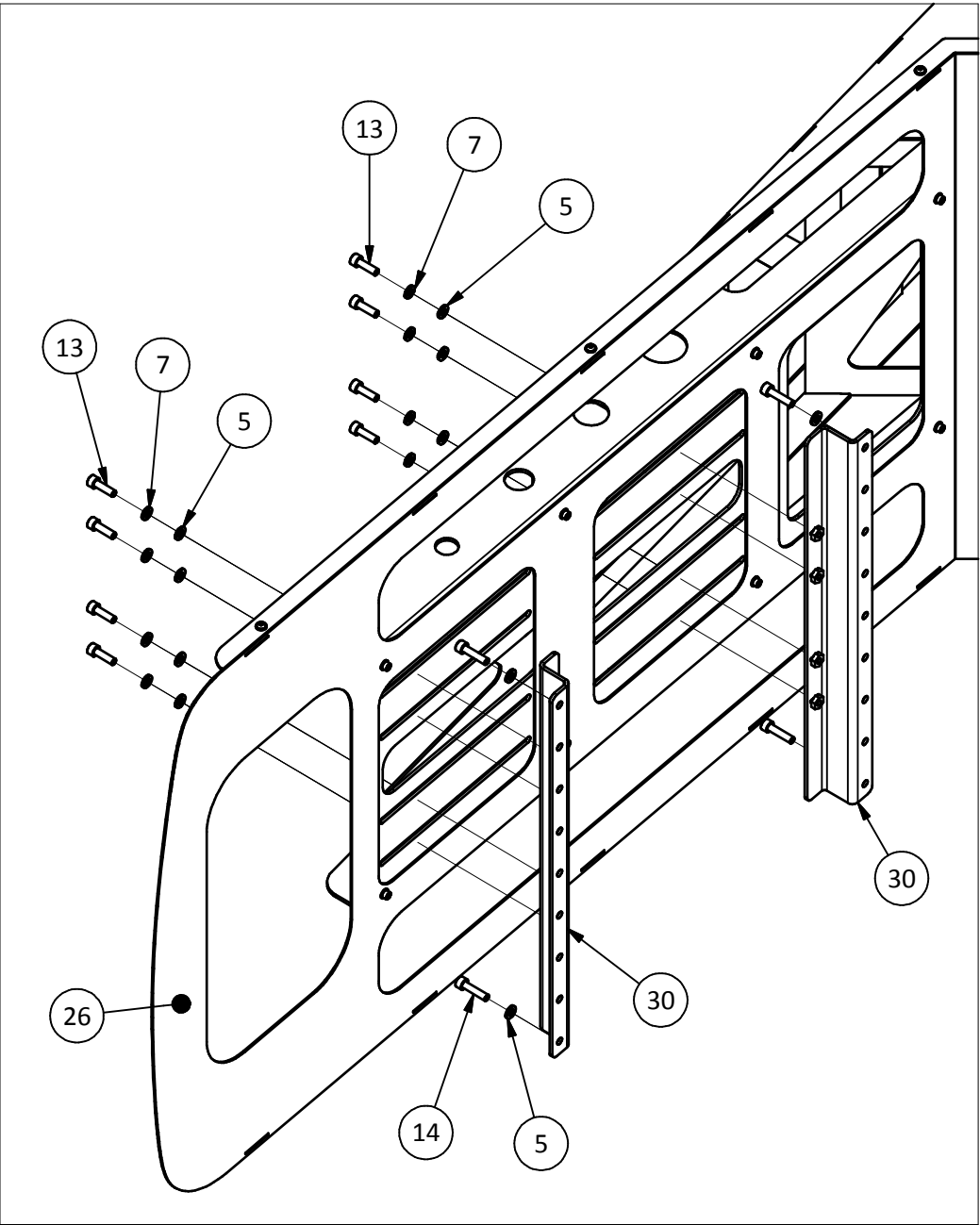


| ITEM | QTY | PART NUMBER         | DESCRIPTION                               |
|------|-----|---------------------|---|
| 12.1 | 1   | GLD-V003-BRAZOPD002 | Soldadura Brazo TV                        |
| 12.2 | 1   | GLD-V003-SPFI002    | Soldadura Soporte de la Fibra, Brazo Izdo |
| 38   | 16  | DIN 125 - A 4,3 P   | Washer                                    |
| 39   | 8   | DIN 985 - M4        | Hex Nut                                   |
| 43   | 8   | DIN 912 - M4 x 12   | Cylinder Head Cap Screw                   |

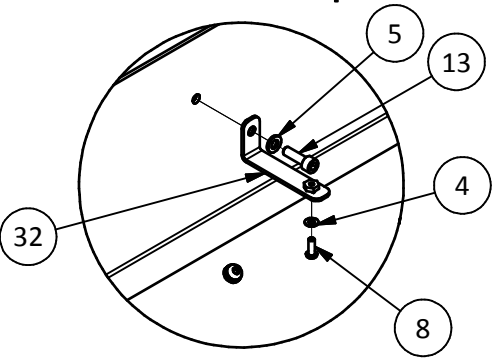




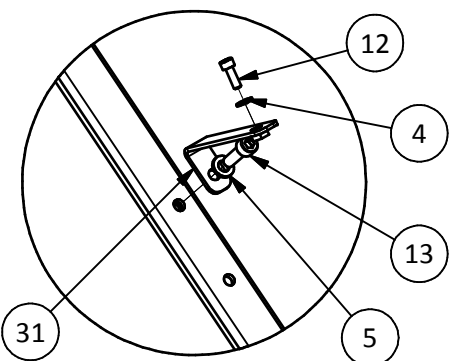
MONTAJE SUJECIONES DE TELEVISIONES



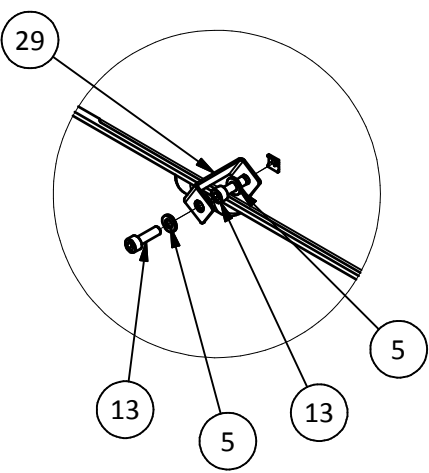
A ( 1 : 5 )  
Sujección carcasa  
delantera superior



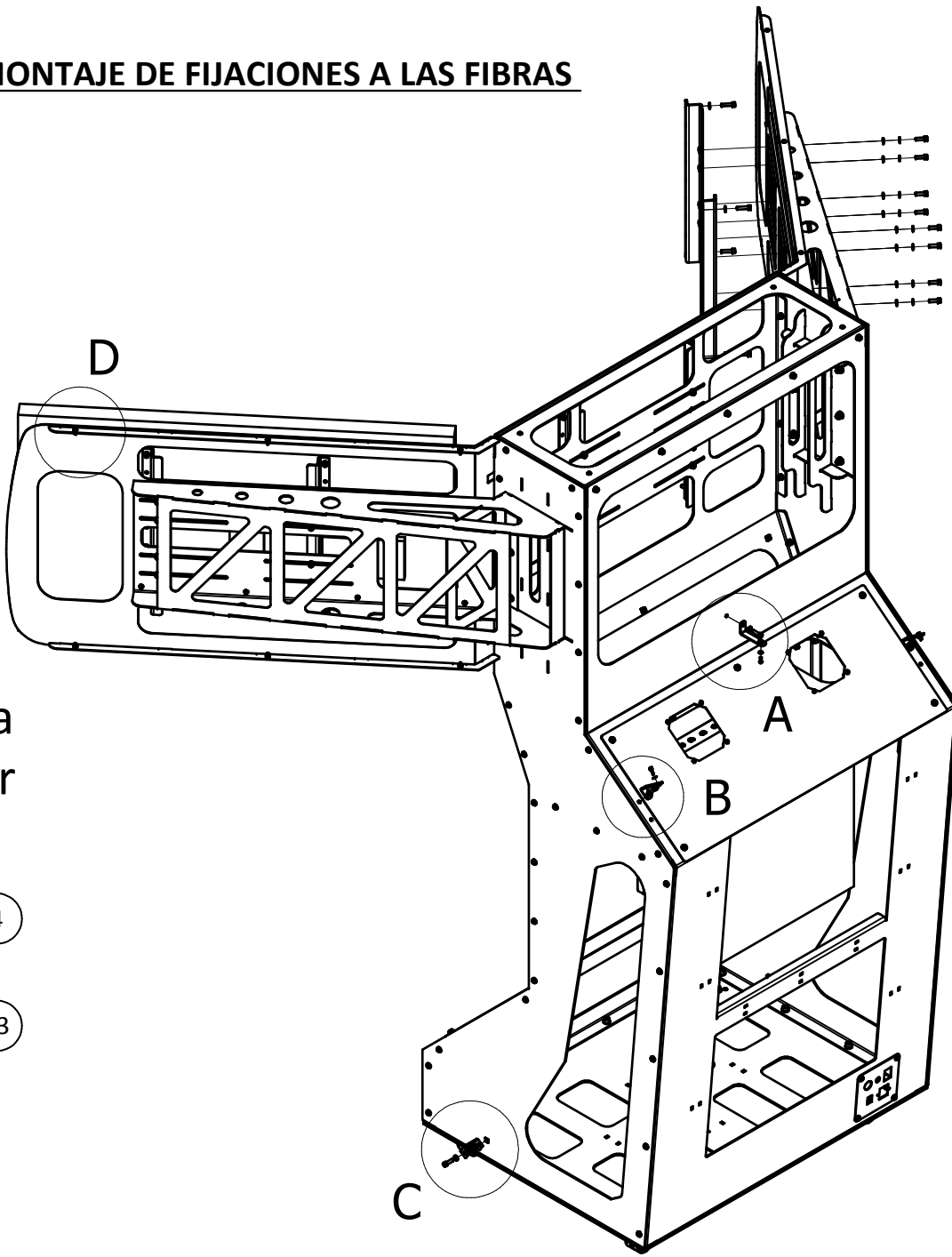
B ( 1 : 4 )  
Sujección carcasa  
delantera inferior



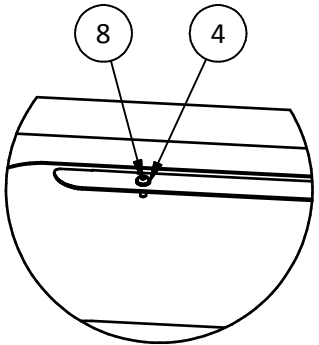
C ( 1 : 5 )  
Sujección carcasa  
delantera inferior



MONTAJE DE FIJACIONES A LAS FIBRAS



D ( 1 : 5 )  
Sujección carcassas  
cubre TV



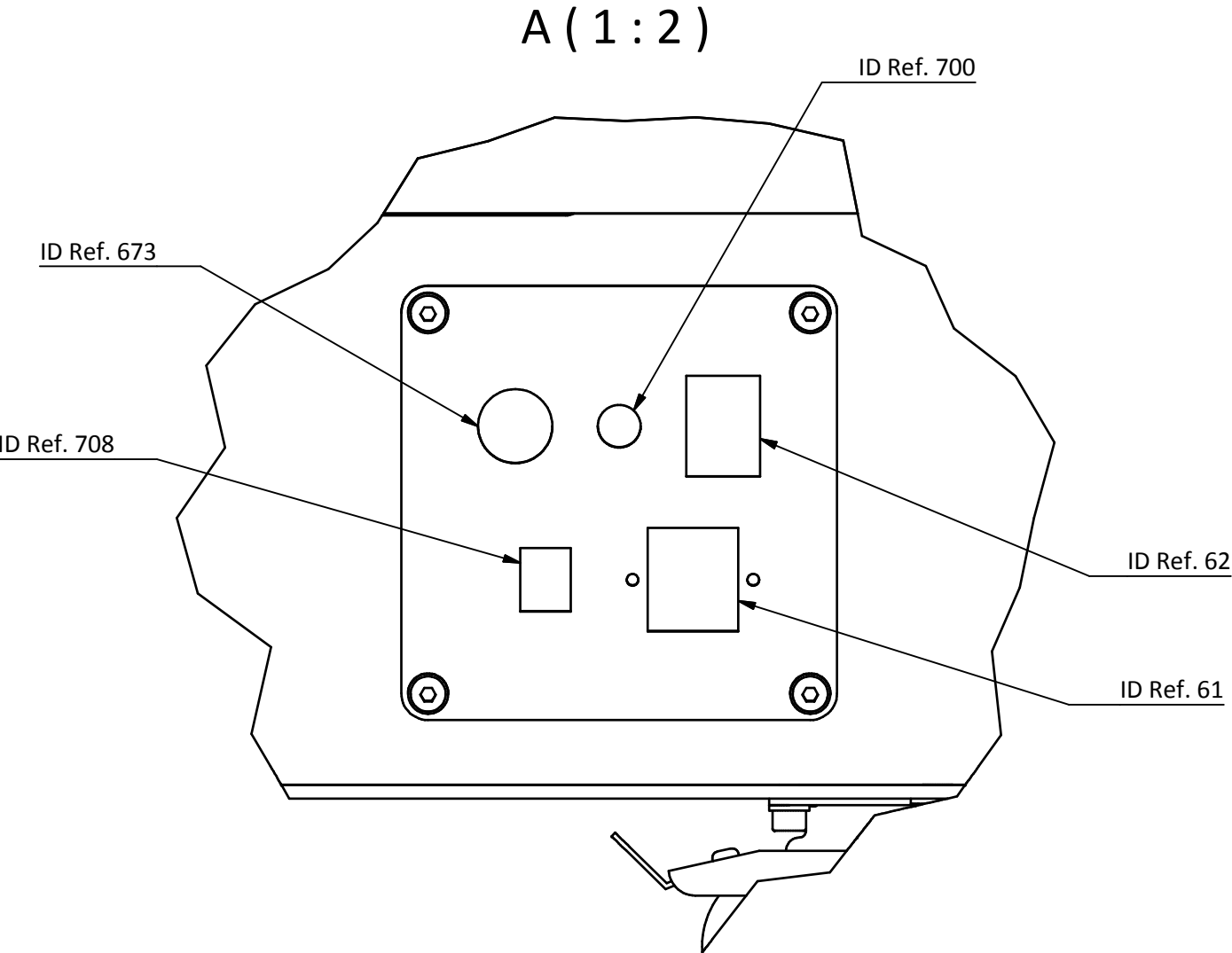
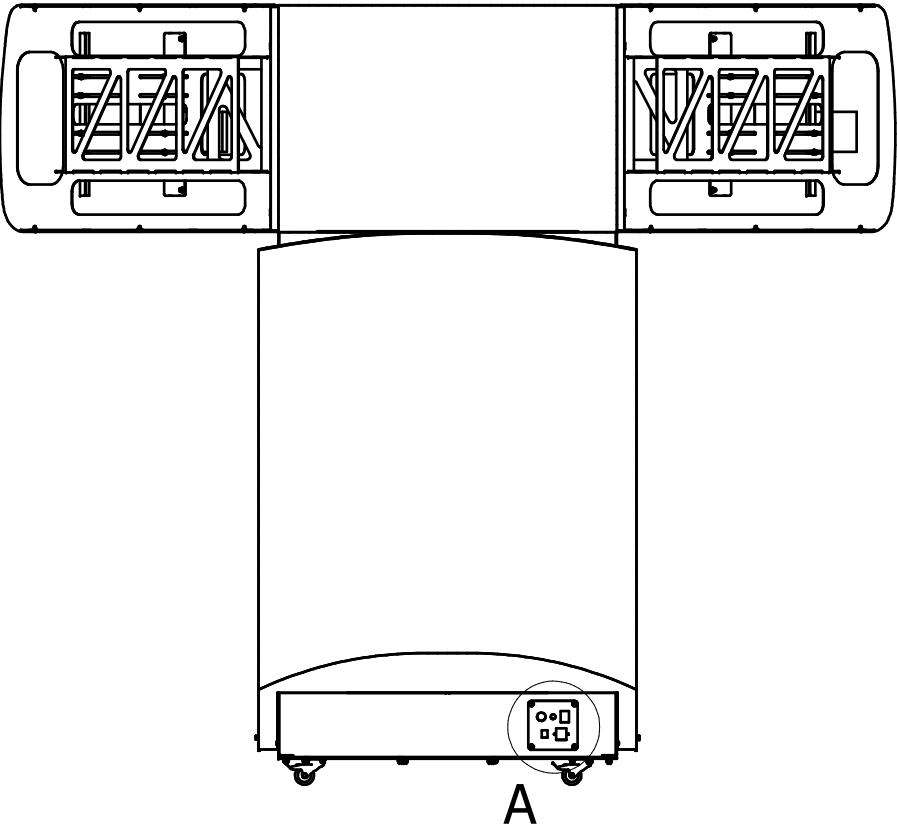
| ITEM | QTY | PART NUMBER          | DESCRIPTION  | ID ref. |
|------|-----|----------------------|--|---------|
| 4    | 27  | DIN 125 - A 4,3 P    | Washer   |         |
| 5    | 245 | DIN 125 - A 6,4 P    | Washer   |         |
| 7    | 59  | DIN 127 - A 6 P      | Spring Washer                                      |         |
| 8    | 17  | DIN 7380 - M4 x 12 P | Hexagon Socket Button Head Screw - Product grade A |         |
| 12   | 2   | DIN 912 - M4 x 12    | Tornillo de cabeza cilíndrica                      |         |
| 13   | 53  | DIN 912 - M6 x 20    | Cylinder Head Cap Screw                            |         |
| 14   | 12  | DIN 912 - M6 x 25    | Cylinder Head Cap Screw                            |         |
| 26   | 1   | GLD-V003-BRAZOPSF002 | Conjunto atornillado del brazo + soporte fibra     |         |
| 29   | 2   | GLD-V003-SCF001      | Soldadura Fijacion Lateral Fibra Trasera           | 982     |
| 30   | 6   | GLD-V003-SCSTV002    | Soldadura Sujección Televisiones                   | 1416    |
| 31   | 2   | GLD-V003-SSF002      | Soldadura Sujección Fibra Trasera Posterior        | 993     |
| 32   | 1   | GLD-V003-SSFS002     | Soporte de carcasa de fibra delantera superior     | 1415    |

|        |  |                            |                             |
|--------|--|----------------------------|-----------------------------|
| SCALE: | Planos Ensamblaje<br>Estructura de pantallas | DRAWN: Raúl Rodríguez G.   | 10/04/2014                  |
|        |  | CHECKED: Sergio Torremocha | 10/04/2014                  |
|        |  | DWG NO:                    | SMK-GLDXXX-03-TOWER01-ENS01 |
|        |  | REV                        | SIZE A3 SHEET 6/8           |



COMPONENTES ELECTRÓNICA

PLUGPANEL



| TABLE  |   |                       |
|--------|---|-----------------------|
| ID Ref | ITEM  | DESCRIPTION           |
| 61     | MULTICOMP - JR-101-1F - INLET, IEC, FUSED, PA                   | FARNELL 9521615       |
| 62     | INTERRUPTOR GENERAL   | RS AMIDATA 4406890    |
| 673    | PULSADOR MONOBLOQUE VERDE 1NA                                   | SEI ROMA EMAMB100DY   |
| 700    | MULTICOMP - R13-502A-05-R - SWITCH, SPST, 3A, 125V, SOLDER, RED | FARNELL 1634621       |
| 708    | KD-KJ5-35 STP Cat5e In-Line Coupler,Dual IDC Type,RJ45          | CONECTOR KEYSTONE ETH |

**NOTA:** El conector IEC (ID Red 61) precisa para su ensamblaje de:  
2 x DIN 7991 M3 L16 Pavonado  
2 x DIN 125 M3  
2 x DIN 127 M3  
2 x DIN 985 M3

SCALE:

Planos Ensamblaje

Estructura de pantallas

DRAWN: Raúl Rodríguez G.

CHECKED: Sergio Torremocha

DWG NO:

SMK-GLDXXX-03-TOWER01-ENS01

REV

SIZE

SHEET

10/04/2014

10/04/2014

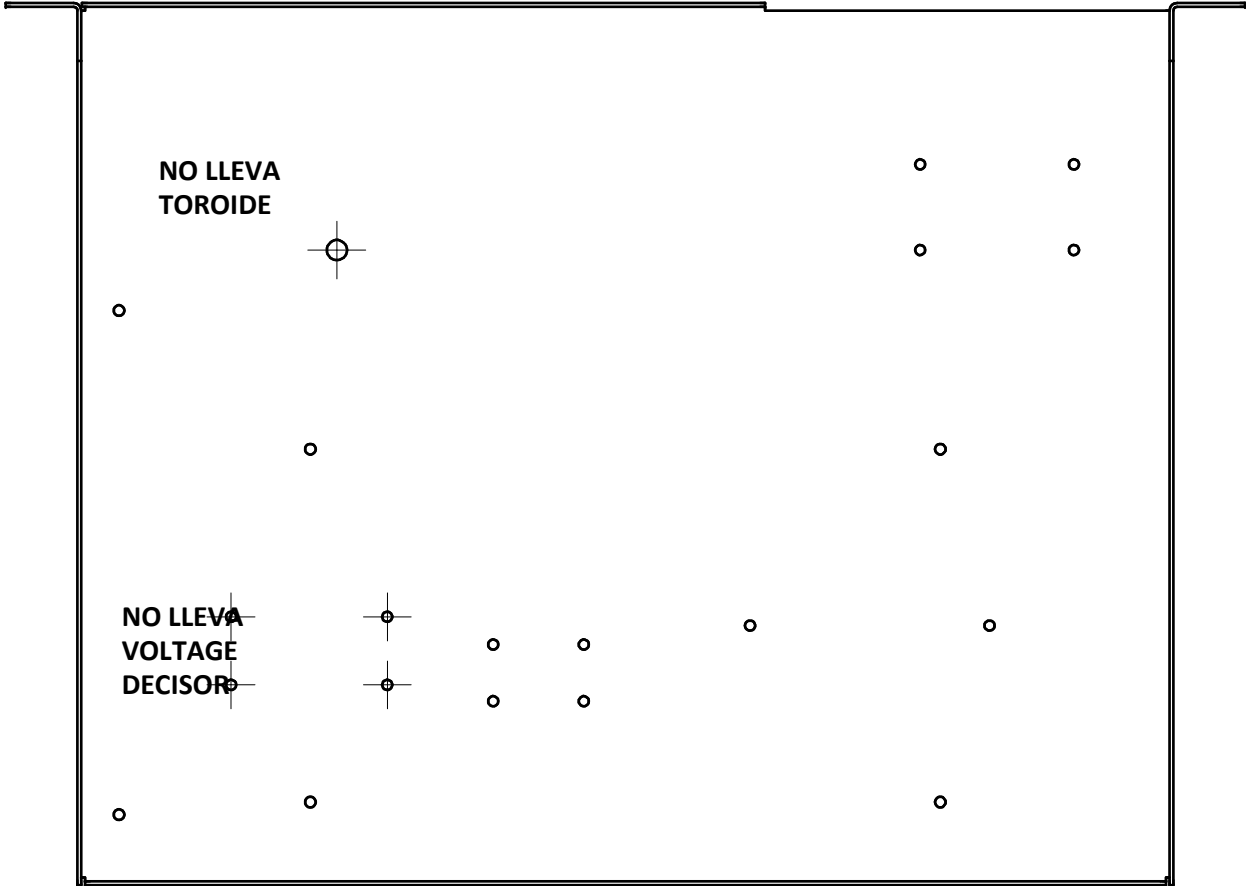
7 / 8

simulation & training solutions

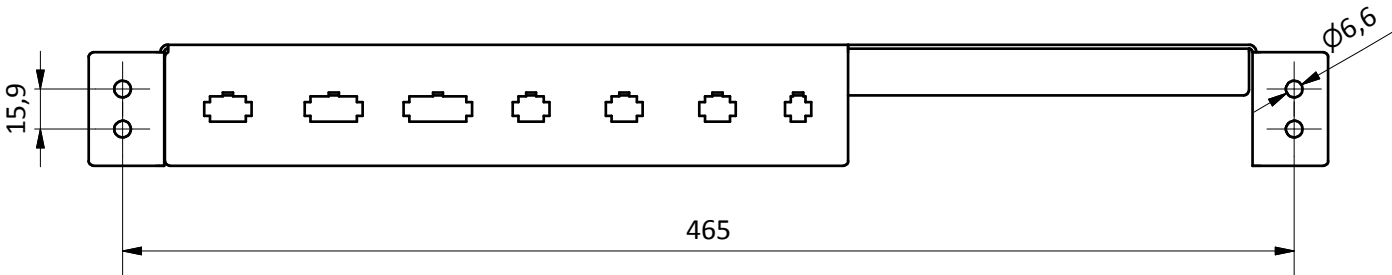
6 5 4 3 2 1



BANDEJA DE COMPONENTES

SMK-01-RACKUNI001 ( 1 : 3 )



VER PLANO: SMK-01-RACKUNI001-ENS01



|   |  |                            |            |
|---|--|----------------------------|------------|
| SCALE:  | Planos Ensamblaje<br>Estructura de pantallas | DRAWN: Raúl Rodríguez G.   | 10/04/2014 |
|  |  | CHECKED: Sergio Torremocha | 10/04/2014 |
| DWG NO:<br>SMK-GLDXXX-03-TOWER01-ENS01  |  |                            |            |
|  |  | REV                        | SIZE       |
|   |  |                            | A3         |
|   |  | SHEET                      | 8 / 8      |