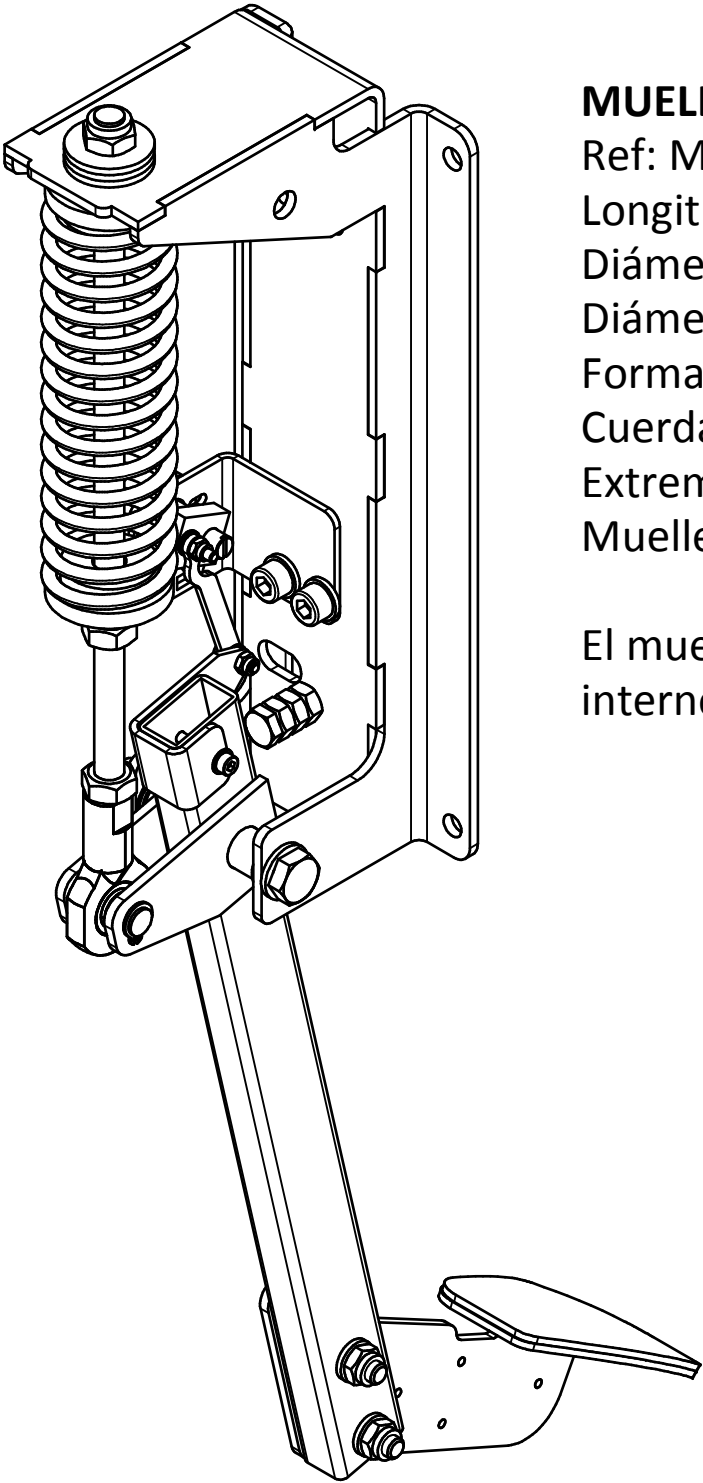


SMK_XXXSMT_CLUTCHPEDAL03

PED-SMT-03-EMB01

| ITEM | QTY | PART NUMBER | DESCRIPTION | ID Ref |
|------|-----|-------------------------------------|--|--------|
| 1 | 4 | Arandela DIN 125 - M3 - NYLON | Arandela DIN 125 - M3 - NYLON | 1511 |
| 2 | 1 | Arandela de goma M8 | Arandela de goma M8 | 782 |
| 3 | 2 | Cojinete IGUS Clase G GFM-0810-04 | Cojinete IGUS Clase G GFM-0810-04 | 663 |
| 4 | 2 | Cojinete IGUS Clase G GFM-081014-06 | Cojinete IGUS De=10/Di=8/L=6. | 664 |
| 5 | 2 | DIN 125 - A 3,2 | Washer | |
| 6 | 5 | DIN 125 - A 6,4 | Washer | |
| 7 | 3 | DIN 125 - A 8,4 | Washer | |
| 8 | 2 | DIN 471 - 8x0,8 | Retaining rings for shaft | |
| 9 | 2 | DIN 9021 - 8,4 | Washer | |
| 10 | 1 | DIN 912 - M3 x 10 | Cylinder Head Cap Screw | |
| 11 | 1 | DIN 912 - M3 x 16 | Cylinder Head Cap Screw | |
| 12 | 1 | DIN 912 - M3 x 25 | Cylinder Head Cap Screw | |
| 13 | 1 | DIN 912 - M3 x 6 | Cylinder Head Cap Screw | |
| 14 | 2 | DIN 912 - M6 x 16 | Cylinder Head Cap Screw | |
| 15 | 1 | DIN 933 - M6 x 30 | Hex-Head Bolt | |
| 16 | 1 | DIN 933 - M8 x 65 | Hex-Head Bolt | |
| 17 | 3 | DIN 934 - M6 | Hex Nut | |
| 18 | 3 | DIN 934 - M8 | Hex Nut | |
| 19 | 3 | DIN 985 - M3 | Hex Nut | |
| 20 | 3 | DIN 985 - M6 | Hex Nut | |
| 21 | 2 | DIN 985 - M8 | Hex Nut | |
| 22 | 1 | Goma pedal embrague | Goma pad embrague | 669 |
| 23 | 2 | IGUS GTM_0815_005 | Arandela de ajuste M8 e=0.5 | 2559 |
| 24 | 1 | P-BTC-05-EMP01 | Manivela potenciometro pedales 6. e=2mm | 2552 |
| 25 | 1 | P-BTC-05-MANA01 | Chapa para extremo del pedal union potenciometro. e=2 mm | 2553 |
| 26 | 1 | P-BTC-V002-CAZOL001 | Cazoleta reposa muelle inferior | 893 |
| 27 | 1 | P-BTC-V002-EJE001 | Varilla roscada M8 calidad 8.8 longitud 238mm | 789 |
| 28 | 1 | P-BTC-V003-CAZOLA001 | Cazoleta reposa muelle superior | 894 |
| 29 | 1 | P-BTC-V004-MUELLEG001 | M. compresión 124.00x36.00x4.00 Zinc 8 espiras | 666 |
| 30 | 1 | P-SMT-01-APEE02 | Atornillamiento Pedal Embrague y Freno | |
| 31 | 1 | PED-AUT-06-APOT01 | Brazo potenciometro pedales 6. Chapa 6 mm | 2551 |
| 32 | 1 | PED-AUT-06-CSP01 | Chapa soporte potenciometro. e=2mm | 2550 |
| 33 | 1 | PED-AUT-06-EJEM01 | Eje de la rotula de los pedales v6 | 2558 |
| 34 | 1 | PED-AUT-06-ESP01 | Soporte de los Pedales v6 | 2556 |
| 35 | 1 | Potenciómetro Giratorio. FARNELL | Potenciómetro Giratorio, Plástico Conductivo, Serie 357, 5 kohm, Lineal, 1, 1 W, Panel | 2694 |
| 36 | 1 | ZNT PHSA8 | Rotula M8x1.25 | 672 |



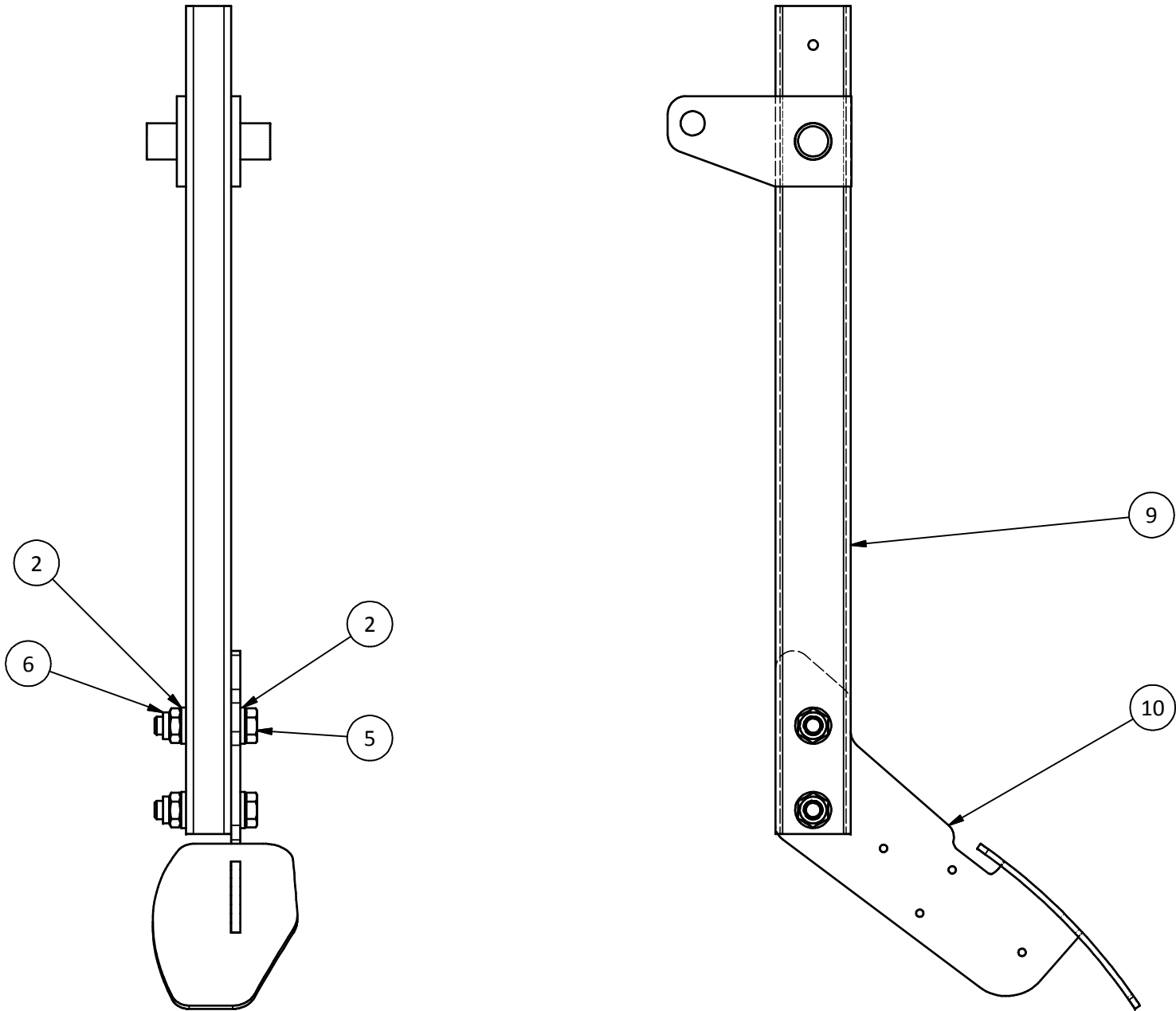
MUELLE COMPRESION EMBRAGUE IDRef: 666

Ref: Muelle compresión 124 x 36 x 4
Longitud libre: 124 mm
Diámetro exterior: 36 mm
Diámetro del hilo: 4 mm
Formado por 8 espiras
Cuerda de piano EN 10270-1
Extremos rectificados.
Muelle con acabado en cincado.

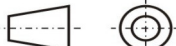

El muelle se acomoda en una cuna, su diámetro interno debe ser ligeramente mayor a 26 mm

| | | | |
|--|--|--------------------------|------------|
| SCALE: | Plano ENSAMBLAJE pedal EMBRAGUE SMT v3 | DRAWN: Sergio Torremocha | 16/08/2016 |
| | | CHECKED: Antonio Garcia | 16/08/2016 |
| DWG NO: SMK_XXXSMT_CLUTCHPEDAL03-ENS06 | | | |
| REV | SIZE | SHEET | |
| 6 | A3 | 1/5 | |

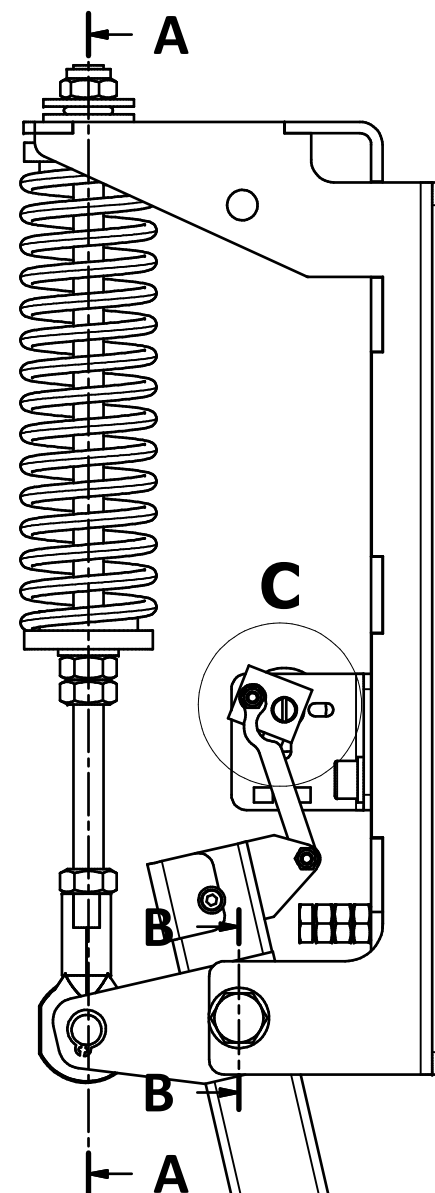
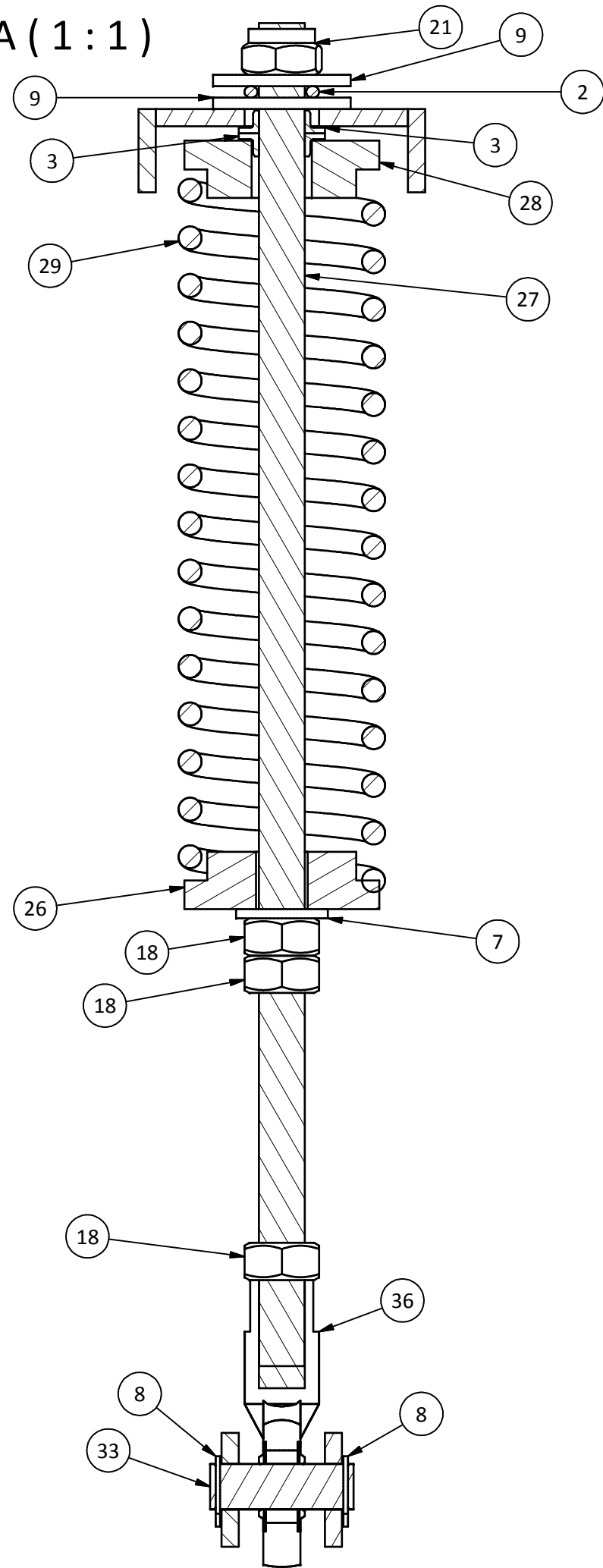
P-SMT-01-APEE02
SCALE 1 : 2



| ITEM | QTY | PART NUMBER | DESCRIPTION | IDRef |
|------|-----|--------------------|--------------------------|-------|
| 2 | 4 | DIN 125 - A 6,4 | Washer | |
| 5 | 2 | DIN 933 - M6 x 30 | Hex-Head Bolt | |
| 6 | 2 | DIN 985 - M6 | Hex Nut | |
| 9 | 1 | P-EBTC-V003-STP001 | Brazo de pedal | 890 |
| 10 | 1 | P-SMT-02-SPE01 | Soldadura Pedal Embrague | 1435 |

| | | | | |
|---|--|--------------------------|------------|----------------|
| SCALE: | Plano ENSAMBLAJE pedal EMBRAGUE SMT v3 | DRAWN: Sergio Torremocha | | 16/08/2016 |
|  | | CHECKED: Antonio Garcia | | 16/08/2016 |
| DWG NO: SMK_XXXSMT_CLUTCHPEDAL03-ENS06 | | | | |
|  simumak simulation & training solutions | | REV 6 | SIZE A3 | SHEET 2 / 5 |

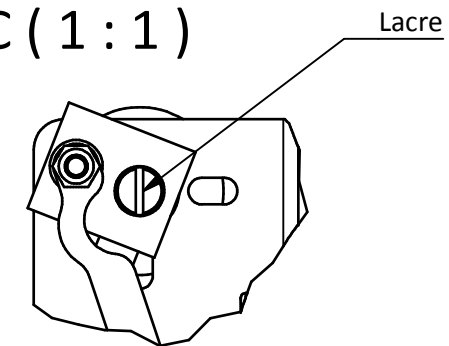
A-A (1 : 1)



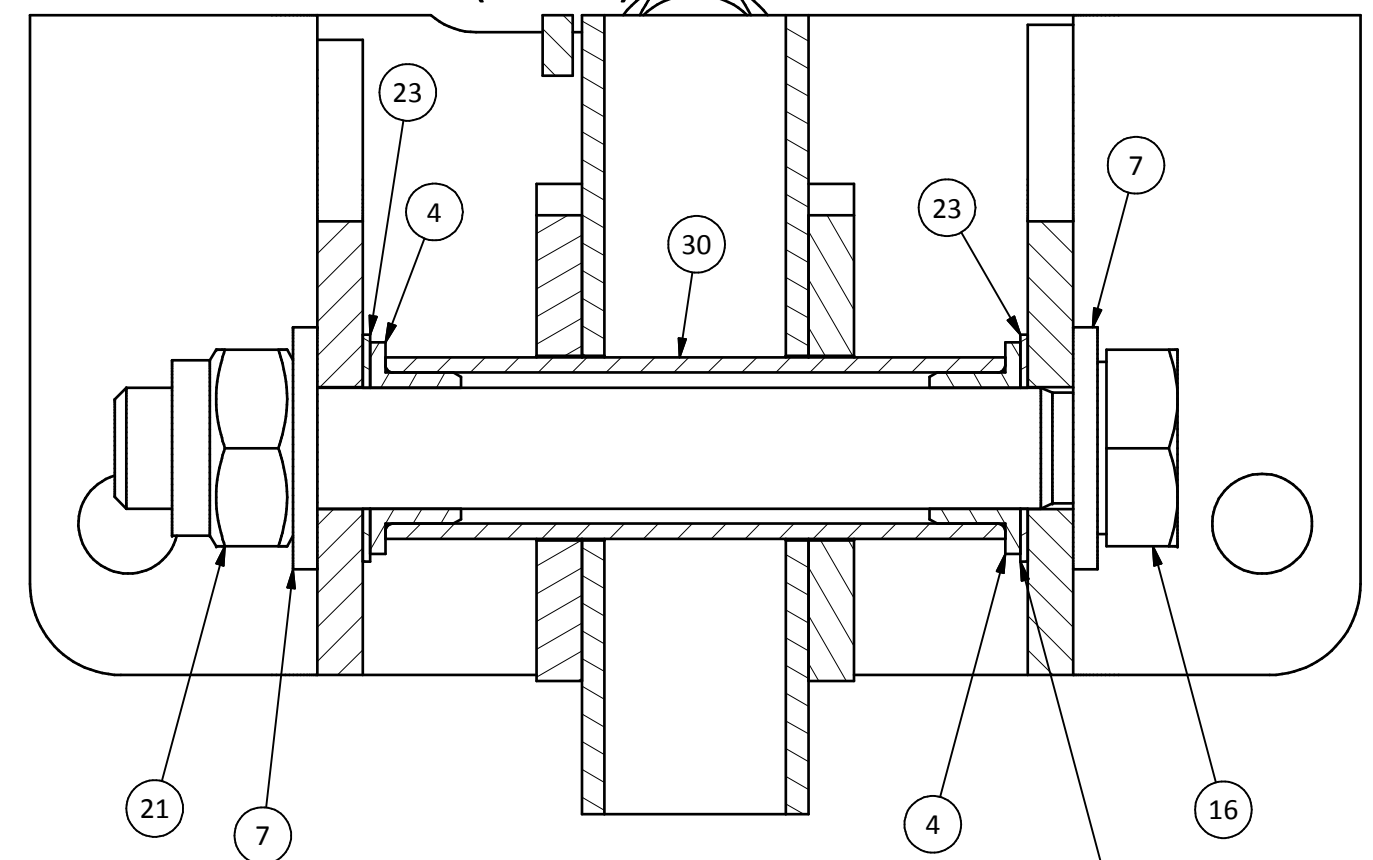
NOTA IMPORTANTE:

- Tener especial cuidado en la colocación de las dos cazoletas y los casquillos.
- La cazoleta superior ID REF: 894 (ITEM 7) tiene el alojamiento más grande (10,5 mm) para poder albergar el casquillo ID REF: 663 (ITEM 33).
- El ITEM21 se colocará solo si es necesario, por que exista mucha holgura lateral.

DETALLE C (1 : 1)

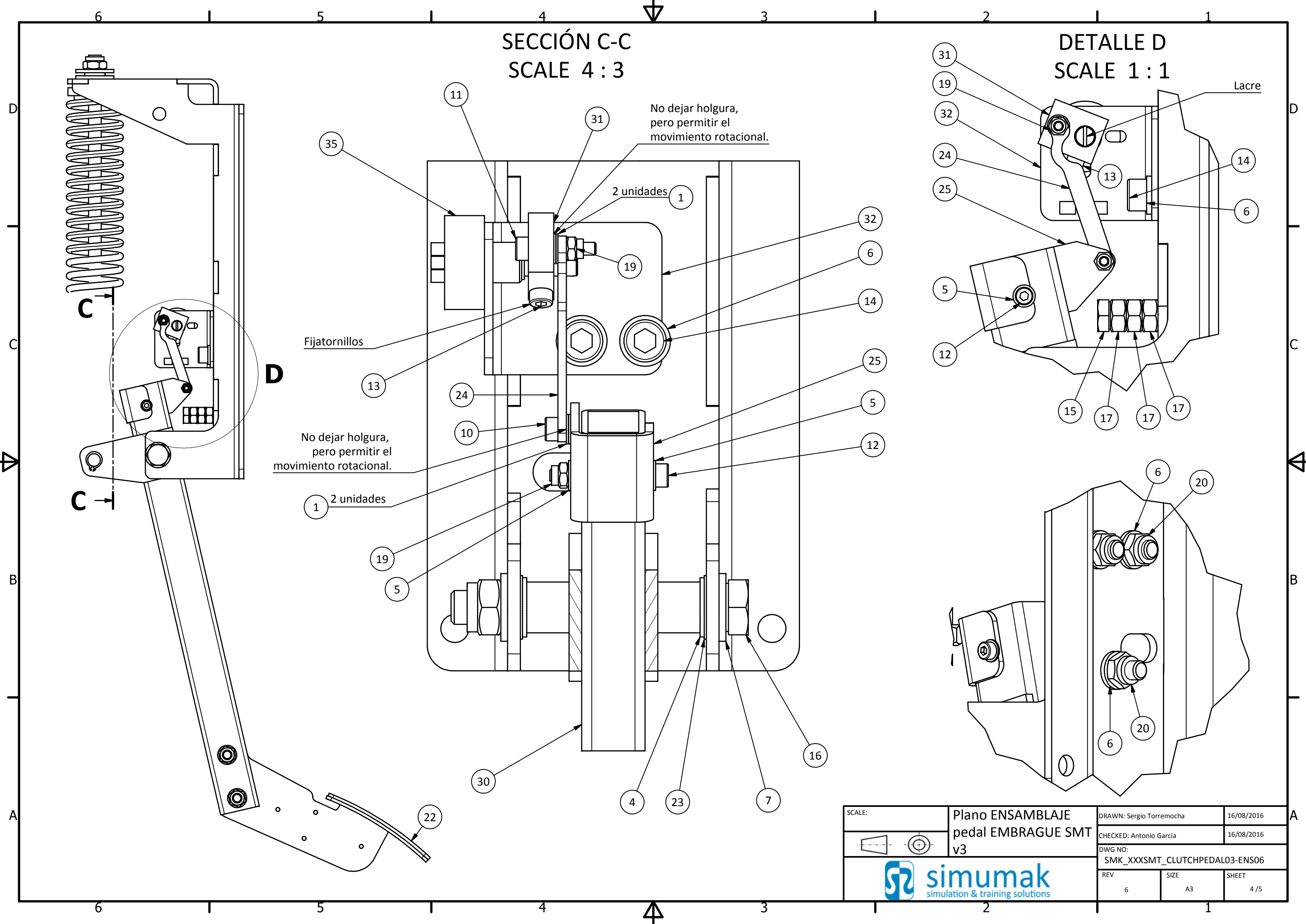


SECCIÓN B-B (2 : 1)



NOTA IMPORTANTE: Ajustar la anchura con las arandelas de ajuste de 0,5mm de espesor ID REF: 2559 (ITEM 21) a ambos lados si fuese necesario.

| | | | |
|--------|--|--------------------------|--------------------------------|
| SCALE: | Plano ENSAMBLAJE pedal EMBRAGUE SMT v3 | DRAWN: Sergio Torremocha | 16/08/2016 |
| | | CHECKED: Antonio Garcia | 16/08/2016 |
| | | DWG NO: | SMK_XXXSMT_CLUTCHPEDAL03-ENS06 |
| | | REV | 6 |
| | | SIZE | A3 |
| | | SHEET | 3 / 5 |



SECCIÓN C-C
SCALE 4 : 3



DETALLE D
SCALE 1 : 1

No dejar holgura,
pero permitir el
movimiento rotacional.

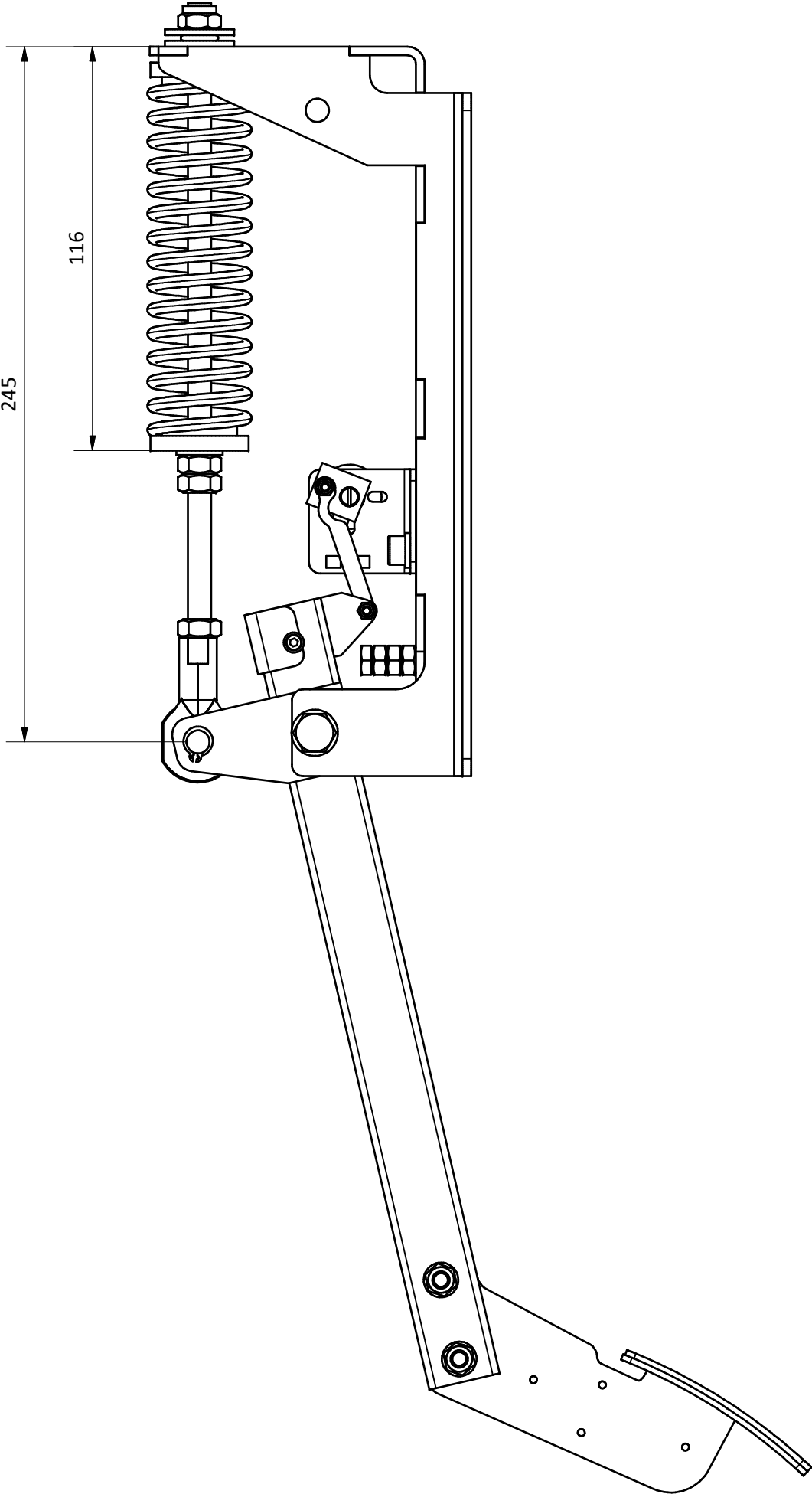
No dejar holgura,
pero permitir el
movimiento rotacional.

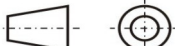

Lacre

Fijatornillos

| | | | | | |
|---|--|--|--|-------|------------|
| SCALE: | | Plano ENSAMBLAJE pedal EMBRAGUE SMT v3 | DRAWN: Sergio Torremocha | | 16/08/2016 |
|  | | | CHECKED: Antonio Garcia | | 16/08/2016 |
|  | | | DWG NO: SMK_XXXSMT_CLUTHPEDAL03-ENS06 | | |
| | | REV | SIZE | SHEET | |
| | | 6 | A3 | 4 / 5 | |

Regulación compresión del muelle del pedal del embrague



| | | | | | |
|---|--|--|------------|---------------|--|
| SCALE: | Plano ENSAMBLAJE pedal EMBRAGUE SMT v3 | DRAWN: Sergio Torremocha | | 16/08/2016 | |
|  | | CHECKED: Antonio Garcia | | 16/08/2016 | |
| | | DWG NO: SMK_XXXSMT_CLUTHPEDAL03-ENS06 | | | |
|  simumak simulation & training solutions | | REV 6 | SIZE A3 | SHEET 5 /5 | |