



# ovlac



OPERATING INSTRUCTIONS AND SPARE  
PARTS 

**VERSATILL**

## OBSERVATIONS

This handbook describes the use, maintenance instructions and spare parts supplied for the indicated plough.

The farming implement known as “plough” is designed to work the soil, linked to a tractor with lift and universal 3-point coupling.

Regular and satisfactory operation together with economic and long lasting use of the implement depends on compliance with the instructions given in this handbook. It is, therefore, advisable to strictly comply with the following instructions in order to prevent faults which could jeopardise the correct and long-lasting operation of the implement.

Compliance with the instructions in this handbook is also important **since the Manufacturer declines all and every responsibility caused by negligence and failure to comply with these instructions.**

The Manufacturer shall, however, remain at the customer's disposal for immediate and thorough assistance together with anything else that may be required in order to ensure the correct operation and maximum efficiency of the implement. The Manufacturer reserves the right to make any modifications and improvements to the implement, as may be considered opportune, without being obliged to immediately inform the user.

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## **1. SAFETY PROVISIONS**

**1.-** Comply with the instructions given by the danger signals exposed in this handbook (Fig.1) and affixed to the plough itself.

**2.-** Operations and adjustments to the implement must always be carried out when the engine is off and the tractor braked.

**3.-** It is absolutely forbidden to carry passengers or animals on the plough.

**4.-** It is absolutely forbidden for persons without a driving license, inexperienced persons or those in precarious health conditions to drive the tractor with the plough mounted.

**5.-** Strictly comply with all the recommended accident preventing measures described in this handbook.

**6.-** Assembly of an implement on the tractor will shift the weights on the axles.

**7.-** Before starting the tractor and plough, always check that all safety devices guarding transport and use are in perfect conditions.

**8.-** The instructions labels affixed to the plough give useful advice on how to prevent accidents.

**9.-** Always comply with the highway code in force in your country when travelling on public roads.

**10.-** Comply with the maximum permissible weight on the axle of the tractor, the total adjustable weight, transport regulations and the highway code.

**11.-** Always become familiar with the controls and their operation before starting work.

**12.-** Take the utmost care during the plough coupling and release phases.

**13.-** Never ever leave the driving seat whilst the tractor is moving.

**14.-** Remember that the road holding, steering and breaking capacity may be notably influenced by the presence of a mounted implement.

**15.-** It is absolutely forbidden to stand within the operative range of the plough.

**16.-** Before leaving the tractor, lower the mounted plough coupled to the lift unit, stop the engine, engage the hand brake and remove the ignition key from the control panel.

**17.-** The category of the implement coupling pins must correspond to that of the lift coupling.

**18.-** Take care when working close to the lift links. This is a very dangerous area.

**19.-** It is absolutely forbidden to stand between the tractor and the plough, to manoeuvre the outside lift control.

**20.-** Set the control lever of the hydraulic lift to the locked position during road transport with the plough mounted.

**21.-** The spare parts must correspond to the requirements established by the Manufacturer. Use only genuine spare parts.

**22.-** The safety transfers must always be perfectly visible. They must be kept clean and should be replaced if they become illegible. Replacements are available on request from your local dealer.

**23.-** The instruction manual must be kept for as long as the machine lasts.

**(Fig.1) WARNING**

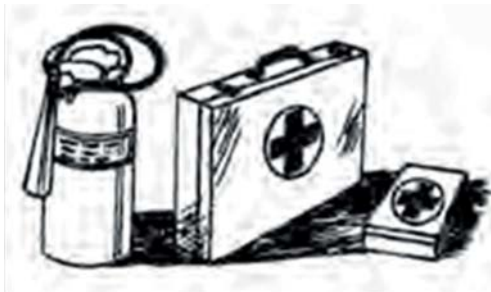
Thoroughly read the manual before starting to work

**DANGER**

Do not handle the plough when lifted, danger of flattening. Keep safety distance.

**DANGER**

Damage can be caused by the rotation of the plough. Keep safety distance.



**Be prepared in case of emergency**

Have near a first aid kit and an extinguisher. Write down the telephone numbers of doctors, ambulances and firemen and keep them near the telephone.

**Use suitable clothes**

Avoid loose clothes and use suitable equipment of security according to the type of works. The safe handling of the machine requires all the attention of the operator.

***Don't put on auricular to listen to the radio during the work with the machine.***

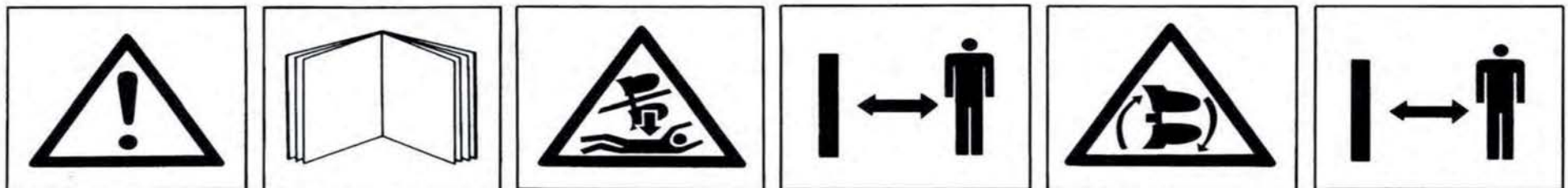


Fig.1

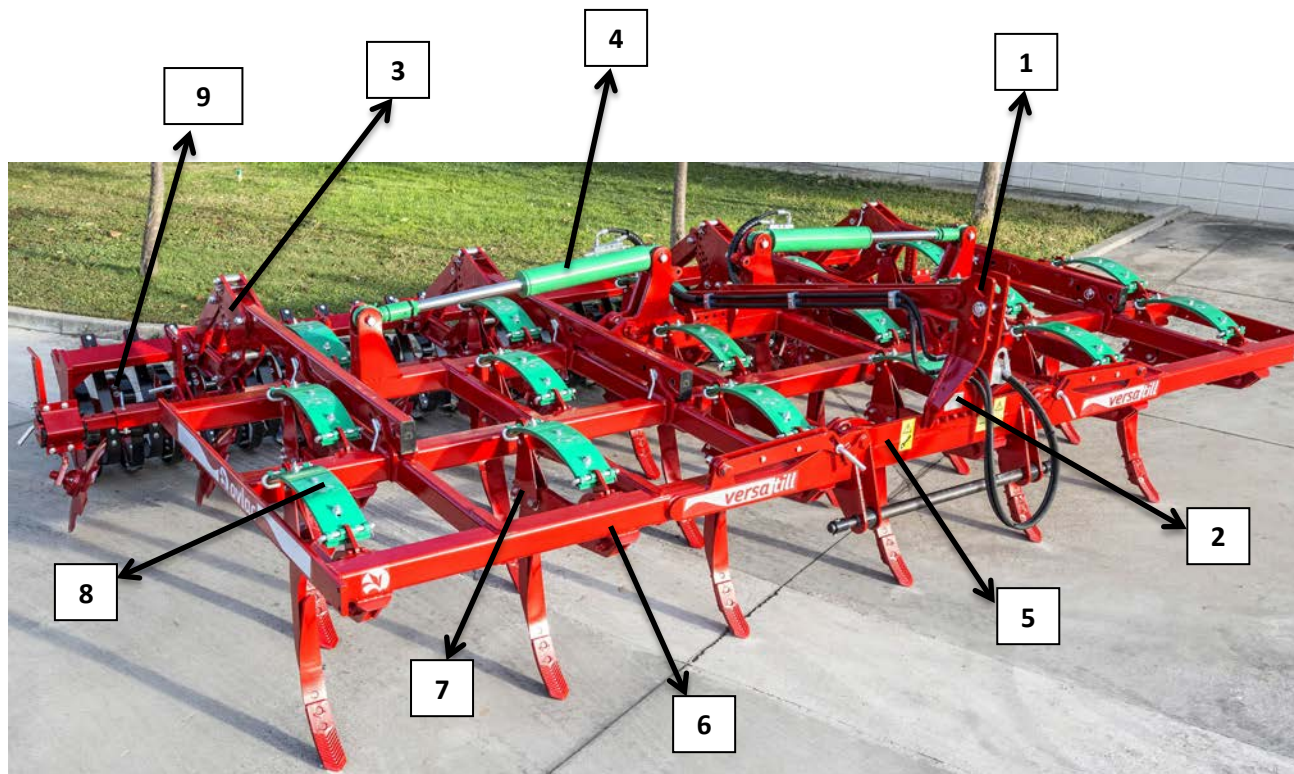


## 2. DESCRIPTION AND DATA TECHNICAL

1. HEADSTOCK
2. IDENTIFICATION PLATE
3. PARALLELOGRAM SYSTEM
4. FOLDING CYLINDERS
5. MAIN FRAME
6. SIDES FRAME
7. BODY
8. PROTECTION SYSTEMS
9. ROLLER

**REMARK:** The construction number that is engraved in the identification plate must be coincident with the number engraved on the headstock support.

### IDENTIFICATION PLATE (2)



## DATA TECHNICAL VERSATILL

|                | Models          | Num. of arms/ Num. of disc | Working width (m) | Transport width (m) |
|----------------|-----------------|----------------------------|-------------------|---------------------|
| <b>FIXED</b>   | VERSATILL 240   | 8/4                        | 2,4               | 2,4                 |
|                | VERSATILL 300   | 10/6                       | 3                 | 3 O 3.30            |
|                | VERSATILL 350   | 12/8                       | 3,5               | 3,5                 |
| <b>FOLDING</b> | VERSATILL 400-P | 13/8                       | 4                 | 3                   |
|                | VERSATILL 450-P | 15/10                      | 4,5               | 3                   |
|                | VERSATILL 500-P | 17/10                      | 5                 | 3                   |

### 3. PROTECTION SYSTEMS

The different auto-reset protection systems (leafspring / rubber dampers) work automatically. When finding any obstacle, the system allows the tine to trip up and overcome it then returning to its working position without stopping the tractor.

In this way, all impacts caused by irregularities on the field are absorbed by the protection system which, therefore, protects all of the elements on the equipment as well as on the tractor.

Also because of this reason, the auto reset protection systems decreases the required pull power as they prevent the tractor from ripping all obstacles that the field may present to an even work (Fig.2).

Note: Ovlac's auto reset protection systems are set at the factory at an optimal pressure for average soils.

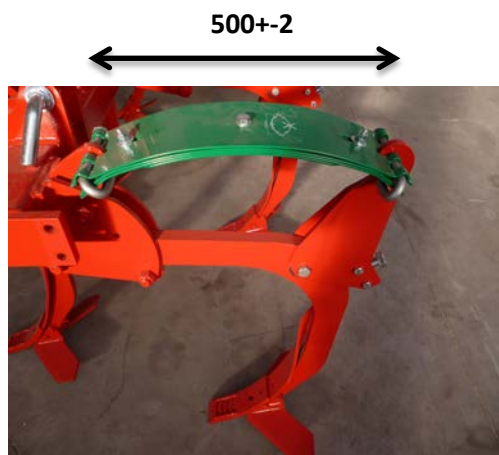


Fig.2

### 4. SET TO WORK

#### 4.1 – HITCHING TO THE TRACTOR

Ovlac equipment are designed to fit the universal 3-point linkage of any tractor

The cross shaft is supplied in two versions (center-to-center distance):

- Category II 870 mm
- Category III 1.010 mm

Before hitching the equipment, check the following:

- The lower links of the tractor are adjusted at the same height and length.
- The wheels of the tractor have identical air pressure. This pressure must be according to the manufacturer's instructions
- The lower links of the tractor must be centered and allow for a small oscillation

## 4.2 – ALIGNMENT

The plough should always work in line with the tractor. If not, the tractor will tend to leave the furrow course. Check that lengths  $A1=A2$  (Fig. 3)

Crabbing is corrected automatically in OVLAC ploughs thanks to their oscillating cross shaft. In ploughs with fix coupling, act on the drifting-correction turnbuckle (hydraulic in option).

The third point should be linked so that the end linked to the plough be slightly higher than the one linked to the tractor (Fig. 4)

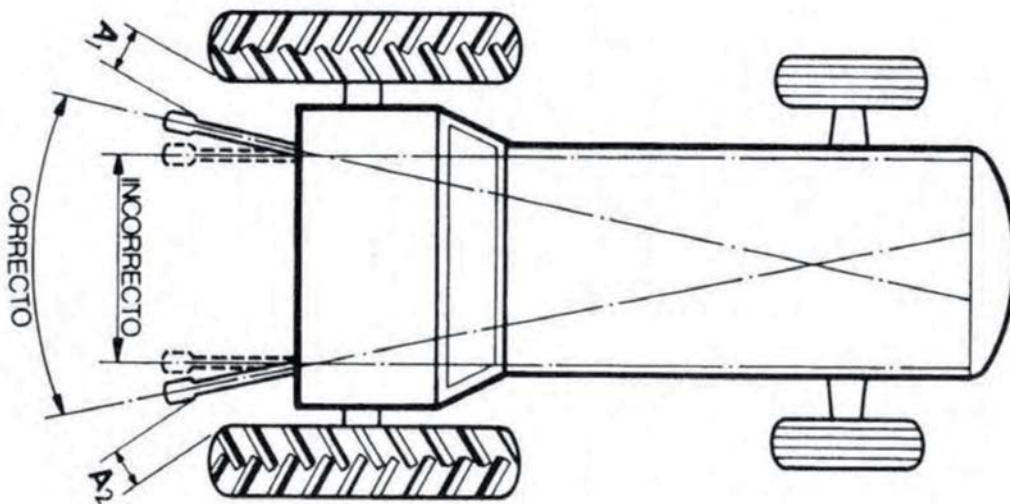


Fig.3



Fig.4

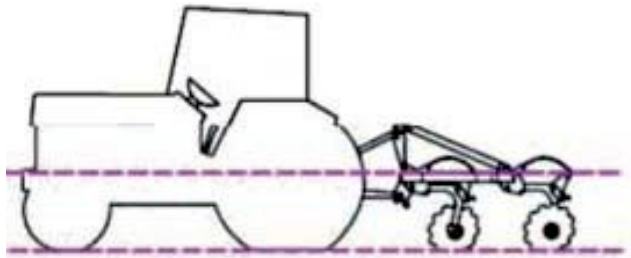


#### 4.3 – OTHERS ADJUSTMENTS

The length of the third point should be adjusted so that the frame works in a parallel position with respect to the field since, if not, the first bodies would plough at a different depth than the rear ones achieving an uneven labour (Fig. 5).

For the same reason, check that the beams work vertically to the field (Fig.6). To achieve this, make sure that the lifting arms of the tractor are at the same height and act on the adjusting bolts A at the headstock (Fig.7).

**IMPORTANT:** Care should be taken not to take curves at work, especially with very wide tools, because the effort lever can cause serious damage to the structure of the machine.



CORRECT

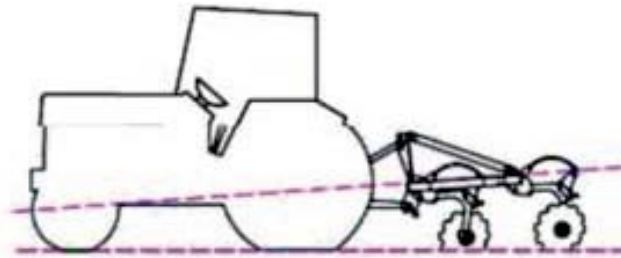
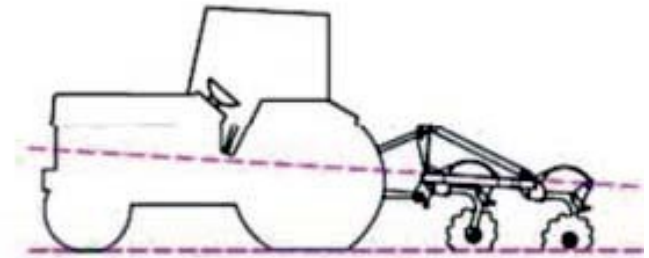
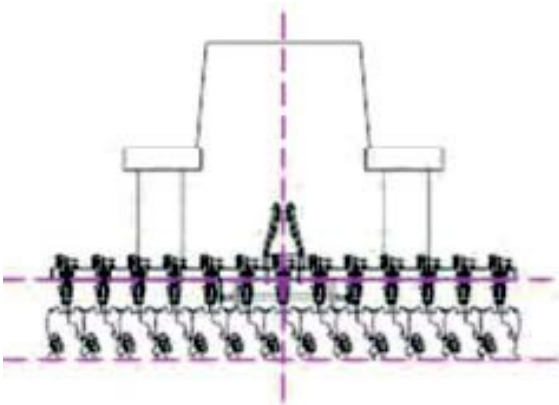


Fig.5

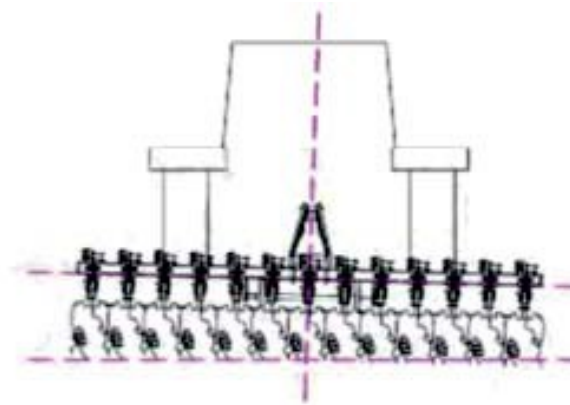


INCORRECT



CORRECT

Fig.6



INCORRECT

Fig.7

## 5. WORKING DEPTH

The depth of work is regulated by the roller machine is fitted as standard, by means of bolts A regulation (Fig 8). However, to achieve uniform depth of work, all Versatill can be equipped with wheels limiting whose height is adjusted by bolts B (Fig 9).



Fig.8



Fig.9

## 6. TRANSPORT

In foldable machines, the side frames must be folded in hydraulically for transport in order to carry the machine in its minimum width.

## 7. MAINTENANCE

Retighten all bolts and nuts after the first 8 hours of work, specially the ones of mouldboards, shares and points. Henceforth, check every 100 hours of work. When putting the plough away, clean and grease thoroughly the mouldboards to prevent from rusting.

**Lubrication: grease the greaser.**

### Safe maintenance

Be used to the maintenance procedures before carrying out the works. The working zone must be clean and dry. Don't carry out any work of lubrication, repair or adjust with the motor enabled. Keep the hands, feet and clothes always far from movable components. Turn all the controls off, to alleviate the pressure. All the components must be in good state and correctly installed. Repair damages immediately. Change any worn away or broken pieces. Maintain all the components of the machine clean of fat, oil and accumulated dirt. Because of being dragged equipment, disconnect the cable groups of the tractor before making works of weld in the machine.



### Take care of the leaks of high pressure

The fluids that escape of the system can have as much force that they can penetrate the skin, causing serious injuries. Therefore, it is essential to leave the system without pressure before relaxing or disconnecting any pipe and make sure that all the connections and the hydraulic parts they are well tight before applying pressure to the system. In order to locate a hydraulic oil leak, use a piece of cardboard that is put on the connections. Do not approach the hands and the body to a leak of high pressure. If, in spite of this precaution, it happens an accident, go immediately to a doctor who should eliminate surgically the fluid within few hours to avoid gangrene. The doctors who do not have experience in dealing with these type injuries can go to a specialized medical centre.

### Storage of the hydraulic sleeves.

**IMPORTANT:** maintain the plugs clean. The abrasive particles, like the sand or the metallic shaving, can damage the oil seals, shirts and cylinders, causing internal leaks. Once disconnected of the tractor, make sure that they are not in contact with the ground





## 8. OPTIONAL EQUIPMENT

The ploughs **VERSATILL Ovlac** can be equipment with:

1. Wing share (Fig.10)
2. Trail kit with shock absorption. (Fig.11 y 12).
3. Side dics (Fig.13)
4. Side Wheels (Fig.14)
5. Side discs with Stone protection. (Fig.15)



Fig.10



Fig.11



Fig.12



Fig.13



Fig.14

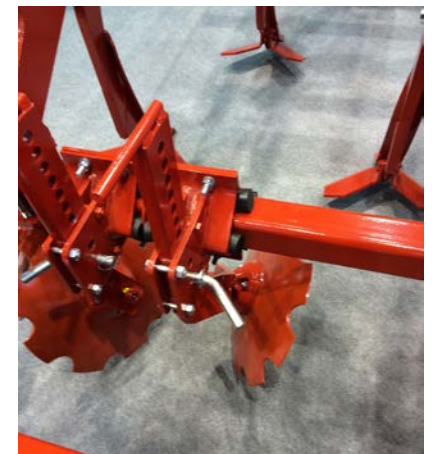


Fig.15

## 9. SPARE PARTS

Spare parts should always be ordered from your dealer and should always include the following indications:

- **Type, model and serial number of the plough.** These data are punched on the identification plate with which every plough is equipped.
- **Code number of the required spare part.** This will be found in the attached spare parts list.
- **Description of the part and required quantity.**
- **Means of delivery.** Transport expenses shall always be at the consignor's charge.
- **NOTE:** The terms **Right** and **Left** indicated on the descriptions, refer to the plough when viewed from the rear. The spare parts components of waste equipment, as shares, mouldboards, etc., are considered right if they are mounted on a body which spills the soil to the right side and viceversa.
- **Note about the warranty:** The orders of spare parts in warranty should always be clearly specified. **The Manufacturer will always sentence if the spare parts are warranted in their replacement.**
- **Moreover, the warranty is suppressed if:**
  - The plough is repaired without authorisation from the Manufacturer, or spurious spare parts, and inadequate bolts are mounted.
  - The plough has been used beyond the specified power limit, or anomalous manoeuvres and operations have been made.

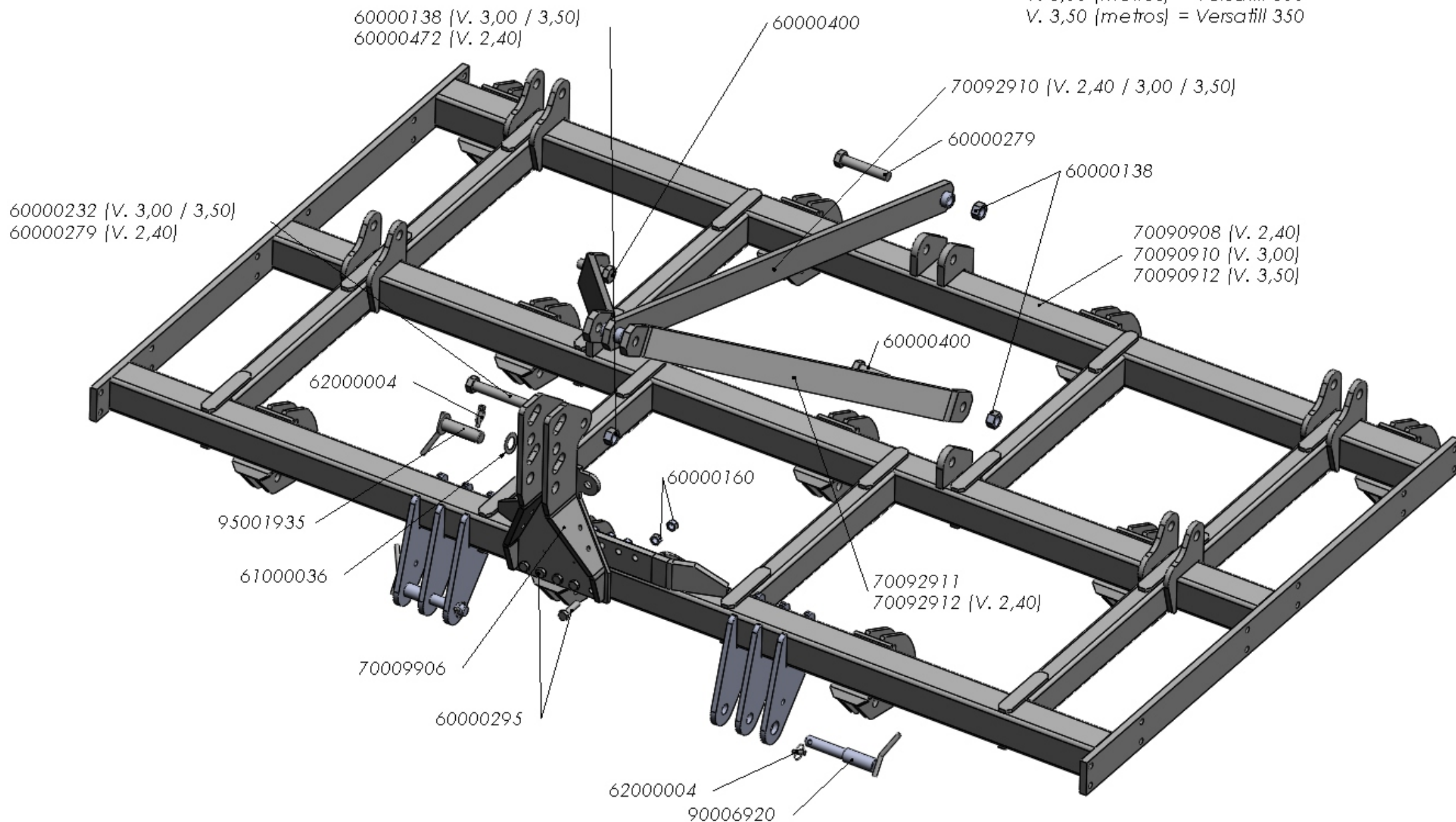
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# FRAME 240 - 300 - 350

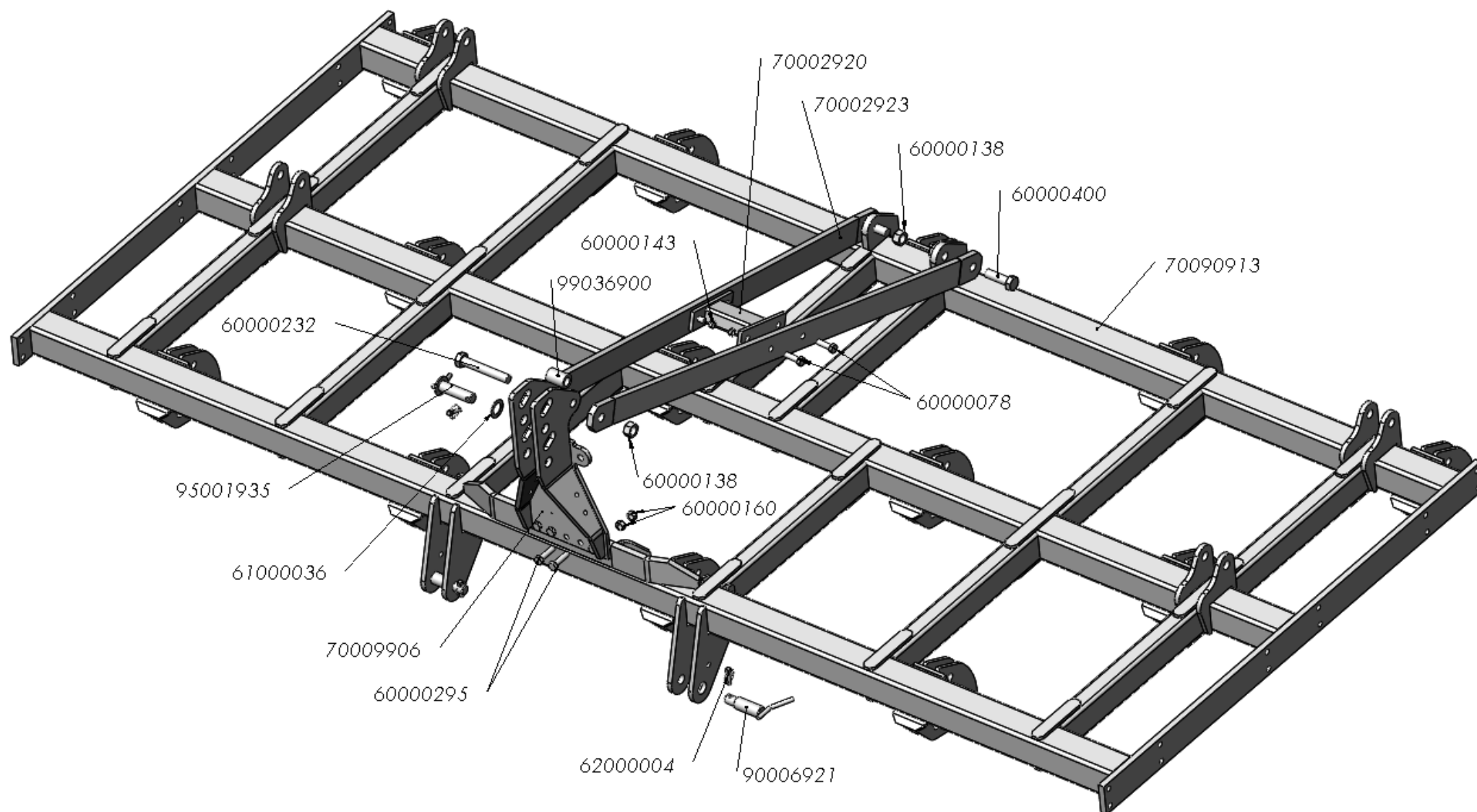
V. 2,40 [metros] = Versatill 240  
 V. 3,00 [metros] = Versatill 300  
 V. 3,50 [metros] = Versatill 350



## FRAME 240 - 300 - 350

| REFERENCIA | DESCRIPCIÓN                                    |
|------------|------------------------------------------------|
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.             |
| 60000232   | TORN.EXAG.C/LAR.1"*160 SAE 12.9                |
| 60000260   | TUER.EXAG.DIN-934 30/200 8.8                   |
| 60000279   | TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC.          |
| 60000295   | TORN.EXAG.DIN-931 16* 60 12.9                  |
| 60000400   | TORN.EXAG.DIN-931 1"* 70 SAE 12.9              |
| 60000472   | TUER.AUTO.DIN-980 1" SAE 10.9 BAJA ZINC.       |
| 61000036   | ARAND.ESTANDAR-A 32 ZINC.                      |
| 62000004   | PASADOR ANILLA 10 ZINC.                        |
| 70009906   | TORRETA CH/FENIX/EURODISC CAT-III (TORN-1")    |
| 70090908   | BAST.VBC-240-8/3                               |
| 70090910   | BAST.VBC-300-10/3                              |
| 70090912   | BAST.VBC-350-12/3                              |
| 70092910   | TIRANTE CENTRAL SUP.VBC 1"                     |
| 70092911   | TIRANTE SUP.VBC-1"                             |
| 70092912   | TIRANTE SUP.VBC-8-1"                           |
| 90006920   | BULON D=36/28*205mm.ENG.MAXIDISC/VBC/MCH-PV    |
| 95001935   | BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02) |

## FRAME 400



## FRAME 400

| REFERENCIA | DESCRIPCIÓN                                    |
|------------|------------------------------------------------|
| 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.             |
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.             |
| 60000143   | TUER.AUTO.DIN-980 16 8.8 ZINC.                 |
| 60000160   | TUER.EXAG.DIN-934 16 8.8 ZINC.                 |
| 60000232   | TORN.EXAG.C/LAR.1"*160 SAE 12.9                |
| 60000295   | TORN.EXAG.DIN-931 16* 60 12.9                  |
| 60000400   | TORN.EXAG.DIN-931 1"* 70 SAE 12.9              |
| 61000036   | ARAND.ESTANDAR-A 32 ZINC.                      |
| 62000004   | PASADOR ANILLA 10 ZINC.                        |
| 70002920   | UNION TIRANTE SUP.CH-3F                        |
| 70002923   | TIRANTE SUP.VBC PLEG.                          |
| 70009906   | TORRETA CH/FENIX/EURODISC CAT-III (TORN-1")    |
| 70090913   | BAST.VBC-400-13/3                              |
| 90006921   | BULON D=36/28*124mm.ENG.EURODISC/VBC/MCH-III   |
| 95001935   | BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02) |
| 99036900   | SEP.B.P.42/26* 60mm.ZINC.                      |



### FOLDING FRAME 400 – 450 – 510

V. 4,00 (metros) = Versatill 400  
V. 4,50 (metros) = Versatill 450  
V. 5,10 (metros) = Versatill 510

| Derecho  | Izquierdo          |
|----------|--------------------|
| 70091901 | 70091902 [V. 4,50] |
| 70091911 | 70091912 [V. 4,00] |
| 70091921 | 70091922 [V. 5,10] |

Part numbers shown in the diagram include: 70002920, 60000400, 60000138, 70002923, 70091900 [V. 4,00 / 4,50], 70091920 [V. 5,10], 53000004, 62000030, 70060902, 65000016, 62000011, 70060903, 62000003, 75061900, 61000011, 77306932, 62000016, 77306931, 60000067, 75011900, 95085920, 630002914, 60000142, 60000178, 95089921, 60000295, 60000218, 70009906, 95001935, 60000232, 99036900, 60000143, 60000078, 60000138, 61000036, 60000160, 60000078, 60000138, 70002920, 60000400, 60000138, 70002923, 70091900 [V. 4,00 / 4,50], 70091920 [V. 5,10], 53000004, 62000030, 70060902, 65000016, 62000011, 70060903, 62000003, 75061900, 61000011, 77306932, 62000016, 77306931, 60000067, 75011900, 95085920, 630002914, 60000142, 60000178, 95089921, 60000295, 60000218, 70009906, 95001935, 60000232, 99036900, 60000143, 60000078, 60000138, 61000036, 60000160, 60000078, 60000138.

V. 5,10 {metros} = Versatill 510

Derecho Izquierdo

70091901 70091902 [V. 4,50]

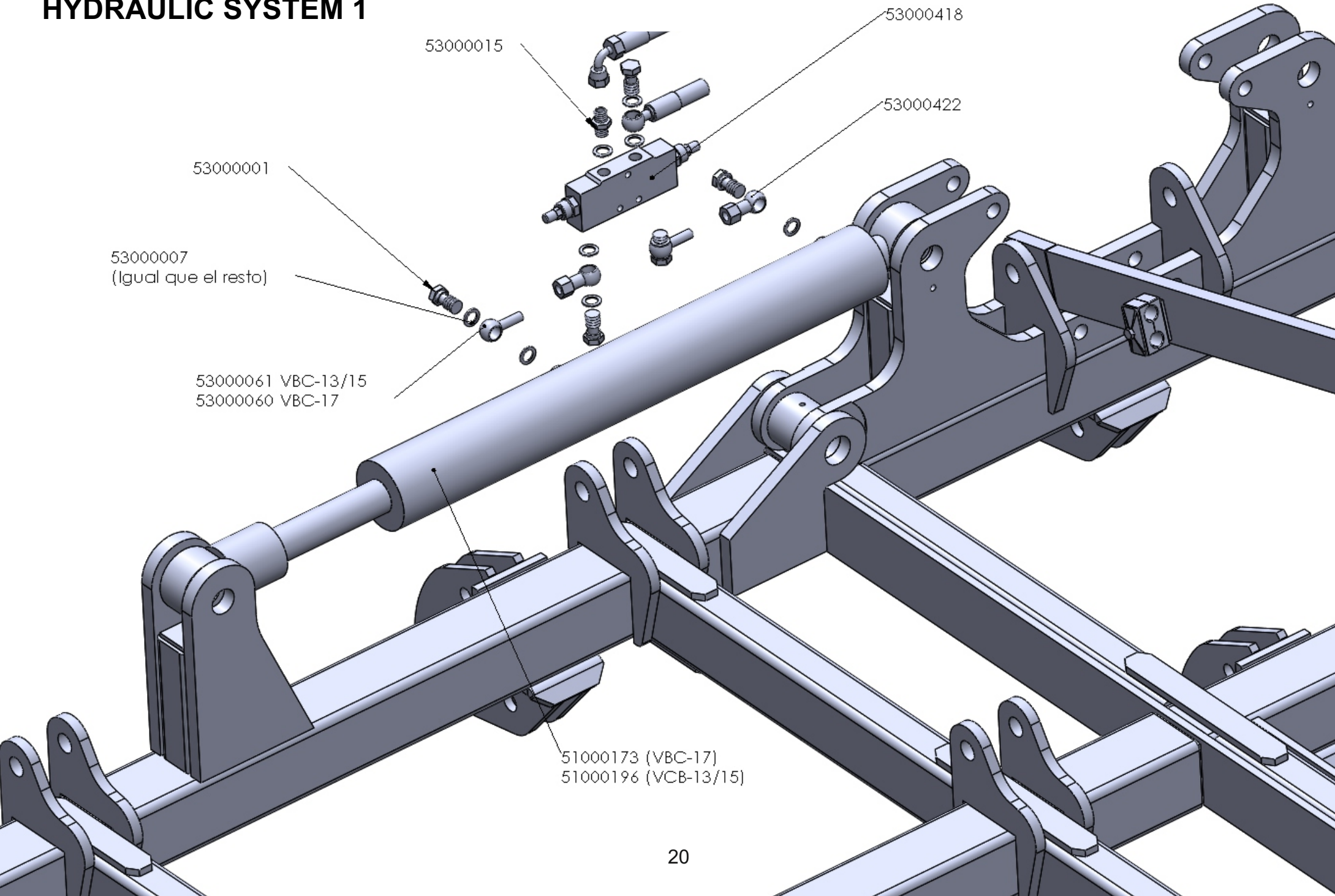
[70091911 70091912 (V. 4,00)]

70091921 70091922 [V. 5, 10]

## FOLDING FRAME 400 – 450 – 510

| REFERENCIA | DESCRIPCIÓN                              | REFERENCIA | DESCRIPCIÓN                                    |
|------------|------------------------------------------|------------|------------------------------------------------|
| 53000004   | ENGRASADOR AC° DIN-71412 8*125           | 70002923   | TIRANTE SUP.VBC PLEG.                          |
| 60000067   | TORN.EXAG.DIN-931 12* 70 8.8 ZINC.       | 70009906   | TORRETA CH/FENIX/EURODISC CAT-III (TORN-1")    |
| 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.       | 70060902   | BULON D=40*194mm.PLEG.CH/MCH/DISC              |
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.       | 70060903   | ARAND.P/BULON PLEG.CH/MCH/DISC                 |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.           | 70091900   | BAST.CENTRAL VBC-390/450                       |
| 60000143   | TUER.AUTO.DIN-980 16 8.8 ZINC.           | 70091901   | BAST.DERECHO VBC-450                           |
| 60000160   | TUER.EXAG.DIN-934 16 8.8 ZINC.           | 70091902   | BAST.IZQUIERDO VBC-450                         |
| 60000178   | TORN.EXAG.DIN-931 12* 65 8.8 ZINC.       | 70091911   | BAST.DERECHO VBC-390                           |
| 60000218   | TORN.ALLEN DIN-913 12* 16 12.9           | 70091912   | BAST.IZQUIERDO VBC-390                         |
| 60000232   | TORN.EXAG.C/LAR.1"*160 SAE 12.9          | 70091920   | BAST.CENTRAL VBC-510                           |
| 60000295   | TORN.EXAG.DIN-931 16* 60 12.9            | 70091921   | BAST.DERECHO VBC-510                           |
| 60000400   | TORN.EXAG.DIN-931 1"* 70 SAE 12.9        | 70091922   | BAST.IZQUIERDO VBC-510                         |
| 61000011   | ARAND.DIN-125 20 ZINC.                   | 75011900   | BULON D=20*200mm.REG.DISCO FENIX/VBC           |
| 61000036   | ARAND.ESTANDAR-A 32 ZINC.                | 75061900   | BULON D=34,8*138mm.CILIND.LATERAL + DACROMET   |
| 62000003   | PASADOR ANILLA 6 ZINC.                   | 77306931   | BIELA TRANQUE MANUAL                           |
| 62000004   | PASADOR ANILLA 10 ZINC.                  | 77306932   | SEP.TUBO 22*16*36mm.                           |
| 62000011   | PASADOR ELAST.DIN-1481 8* 50 ZINC.       | 90006921   | BULON D=36/28*124mm.ENG.EURODISC/VBC/MCH-III   |
| 62000030   | PASADOR ELAST.DIN-1481 10* 80 ZINC.      | 95001935   | BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02) |
| 63002914   | CASQ.D= 50/37*60mm.ENG.RAP.CAT-III RFZD. | 95085920   | BARRA ENG.VBC PLEG.                            |
| 65000016   | PASADOR FIJACION D= 7,5mm.               | 99036900   | SEP.B.P.42/26* 60mm.ZINC.                      |
| 70002920   | UNION TIRANTE SUP.CH-3F                  |            |                                                |

HYDRAULIC SYSTEM 1

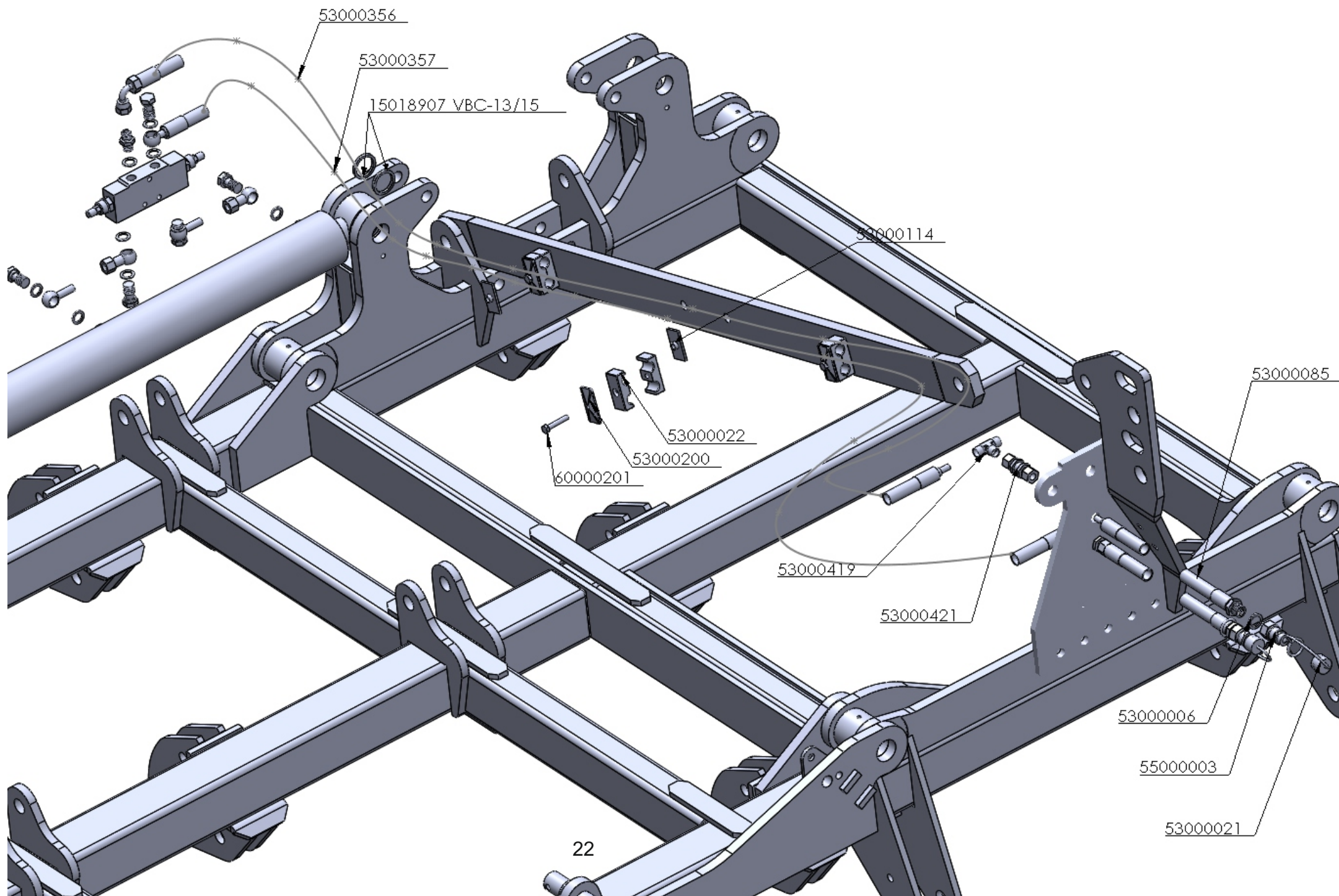


## HYDRAULIC SYSTEM 1

| REFERENCIA | DESCRIPCIÓN                                    |
|------------|------------------------------------------------|
| 51000173   | CILIND.PLEG.VBC 50/100/489                     |
| 51000196   | CILIND.PLEG.CHISEL/VBC/EURO/MAXIDISC 90/42/375 |
| 53000001   | TORNILLO SIMPLE 3/8 4022                       |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602                    |
| 53000015   | UNION MACHO 3/8 4062                           |
| 53000060   | ESFERICO 3/8" TUBO 12mm.LG=405 4002E-405       |
| 53000061   | ESFERICO 3/8" TUBO 12mm.LARGO                  |
| 53000418   | VALV.OVERCENTER VBCD 3/8 DE-A (V0422)          |
| 53000422   | ESFERICO 3/8" + UNION TUBO/TUBO 12             |



## HYDRAULIC SYSTEM 2

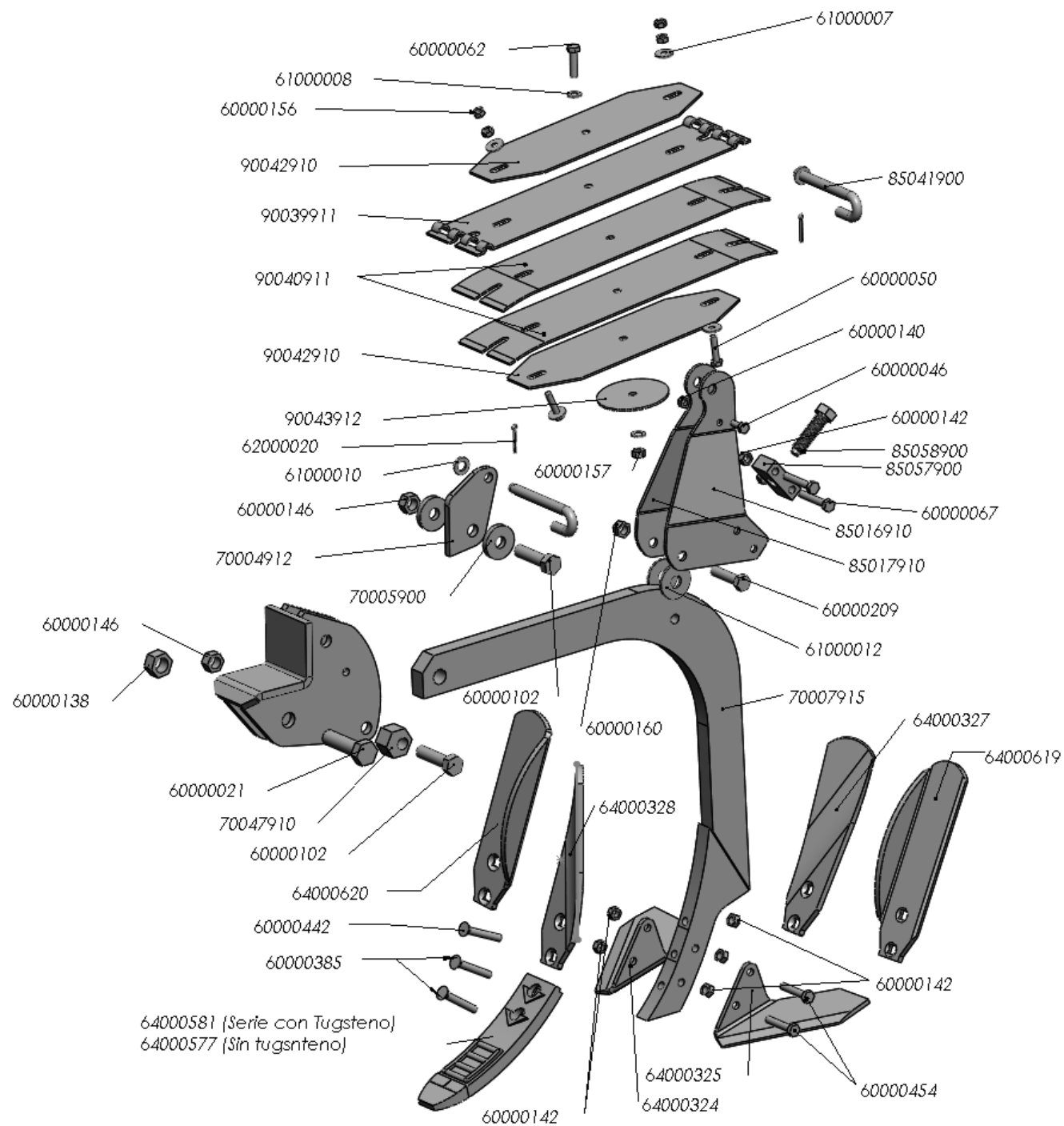




## HYDRAULIC SYSTEM 2

| REFERENCIA | DESCRIPCIÓN                            |
|------------|----------------------------------------|
| 15018907   | CASQ. D=45/35*5 SEP.PLEGADOS.CICRO     |
| 53000006   | JUNTA METAL/GOMA 1/2" 11603            |
| 53000021   | PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR |
| 53000022   | ABRAZ.DOUBLE D=19mm. 1D19PP            |
| 53000085   | LATIG.R2-3/8*1600mm.MF-1/2/TL-18       |
| 53000114   | PLACA SOLDAR AB.DOUBLE 19 SP3D         |
| 53000200   | PLACA RFZO.AB.DOUBLE 19 GD3D           |
| 53000356   | LATIG.R2-3/8*2390mm.CTL-3/8/TL-18      |
| 53000357   | LATIG.R2-3/8*2350mm.OR-3/8/TL-18       |
| 53000419   | TE M/M C/TCA.LOCA CENTRAL 18x150 12L   |
| 53000421   | PASATABIQUES 18*1,5 12L                |
| 55000003   | ADAPTADOR E.R.FASTER 1/2" 30410108     |
| 60000201   | TORN.EXAG.DIN-931 8* 45 8.8 ZINC.      |

# BODY VBC

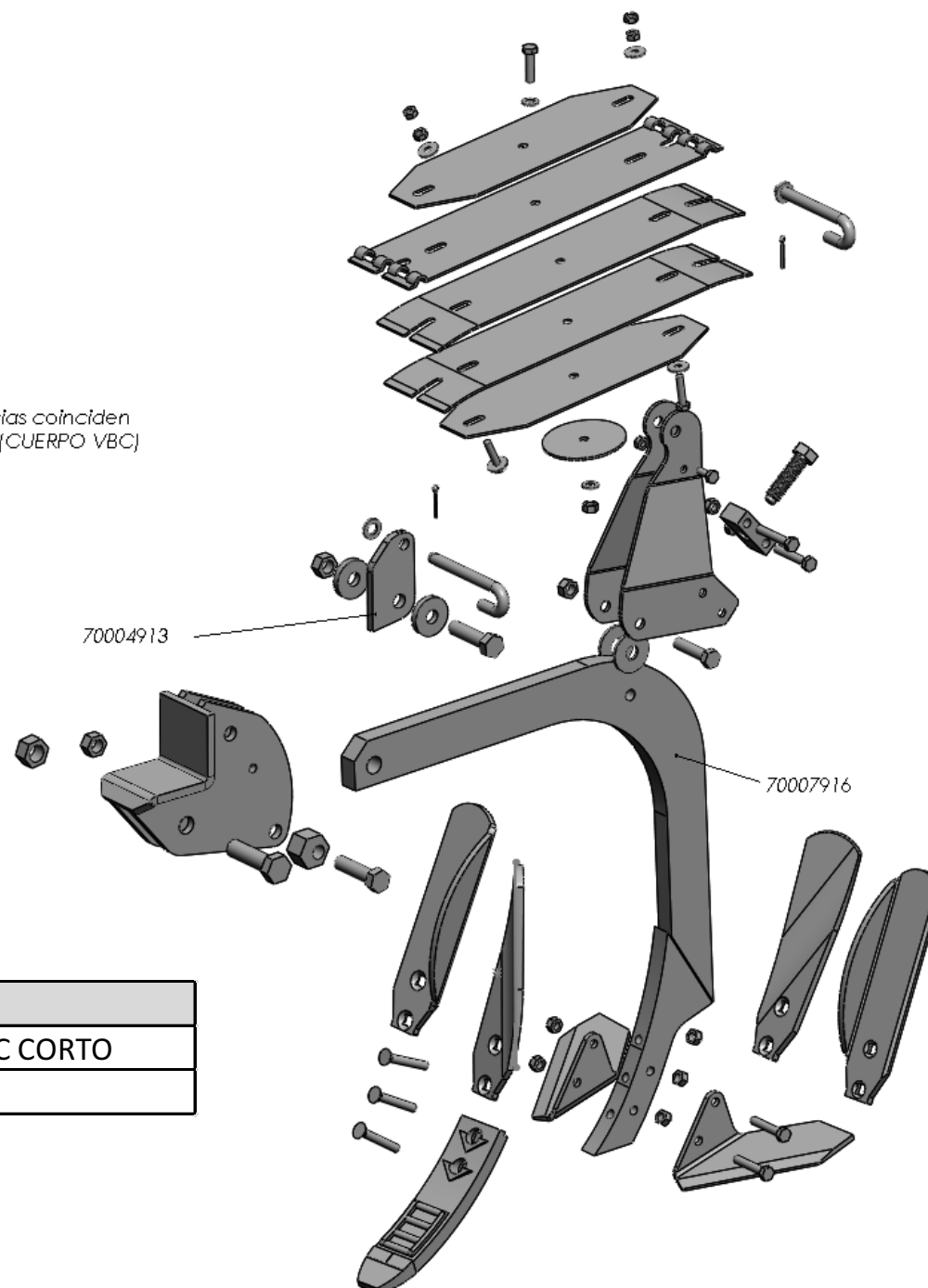


## BODY VBC

| REFERENCIA | DESCRIPCIÓN                         | REFERENCIA | DESCRIPCIÓN                              |
|------------|-------------------------------------|------------|------------------------------------------|
| 60000021   | TORN.EXAG.C/LAR.1"* 85 SAE 12.9     | 64000325   | ALA LATERAL I VB 34060856N               |
| 60000046   | TORN.EXAG.DIN-933 10* 25 8.8 ZINC.  | 64000327   | DEFLECTOR D VB 34060859N                 |
| 60000050   | TORN.EXAG.DIN-931 10* 45 10.9 ZINC. | 64000328   | DEFLECTOR I VB 34060858N                 |
| 60000062   | TORN.EXAG.DIN-931 12* 45 10.9 ZINC. | 64000577   | PUNTA VERSATILL 2/A                      |
| 60000067   | TORN.EXAG.DIN-931 12* 70 8.8 ZINC.  | 64000581   | PUNTA VERSATILL 2/A C/TUNGSTENO Y APORTE |
| 60000102   | TORN.EXAG.DIN-931 20* 80 8.8        | 64000619   | DEFLECTOR D VB 34182600                  |
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.  | 64000620   | DEFLECTOR I VB 34182700                  |
| 60000140   | TUER.AUTO.DIN-980 10 8.8 ZINC.      | 70004912   | PORTABALLESTA ANTER VBC                  |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.      | 70004913   | PORTABALLESTA ANTER VBC CORTO            |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.     | 70005900   | ARAND.RFZO.D= 58*21 E-10mm.              |
| 60000156   | TUER.EXAG.DIN-934 10 8.8 ZINC.      | 70007915   | CAMBA VBC                                |
| 60000157   | TUER.EXAG.DIN-934 12 8.8 ZINC.      | 70007916   | CAMBA VBC CORTA                          |
| 60000160   | TUER.EXAG.DIN-934 16 8.8 ZINC.      | 70047910   | SEP.HEXAG.REGULAC.FN/VBC                 |
| 60000209   | TORN.EXAG.C/LAR.16* 70 12.9 ZINC.   | 85016910   | PORTABALLESTA LARGA IZQD.CH-3F/VBC       |
| 60000385   | TORN.ARADO DIN-608 12*85 12.9       | 85017910   | PORTABALLESTA LARGA DCH.CH-3F/VBC        |
| 60000442   | TORN.ARADO DIN-608 12*75 12.9       | 85041900   | PASADOR CACHABA BALLESTA DACROMET        |
| 60000454   | TORN.EXAG.DIN-931 12* 65 10.9       | 85057900   | SOP.REGULACION BALLESTA ZINC.            |
| 61000007   | ARAND.DIN-9021 10 ZINC.             | 85058900   | TORNILLO REGULACION BALLESTA (22*80)     |
| 61000008   | ARAND.DIN-125 12 ZINC.              | 90039911   | BALLESTA MAESTRA CORTA VERDE RAL-6029    |
| 61000010   | ARAND.DIN-125 16 ZINC.              | 90040911   | BALLESTA 1er.RFZO.CORTO VERDE RAL-6029   |
| 61000012   | ARAND.DIN-9021 20 ZINC.             | 90042910   | BALLESTA 3er.RFZO.VERDE RAL-6029         |
| 62000020   | PASADOR MED.CAÑA DIN-94 4*40 ZINC.  | 90043912   | BALLESTA BOTON CH VERDE RAL-6029         |
| 64000324   | ALA LATERAL D VB 34060857N          |            |                                          |

## SHORT BODY VBC

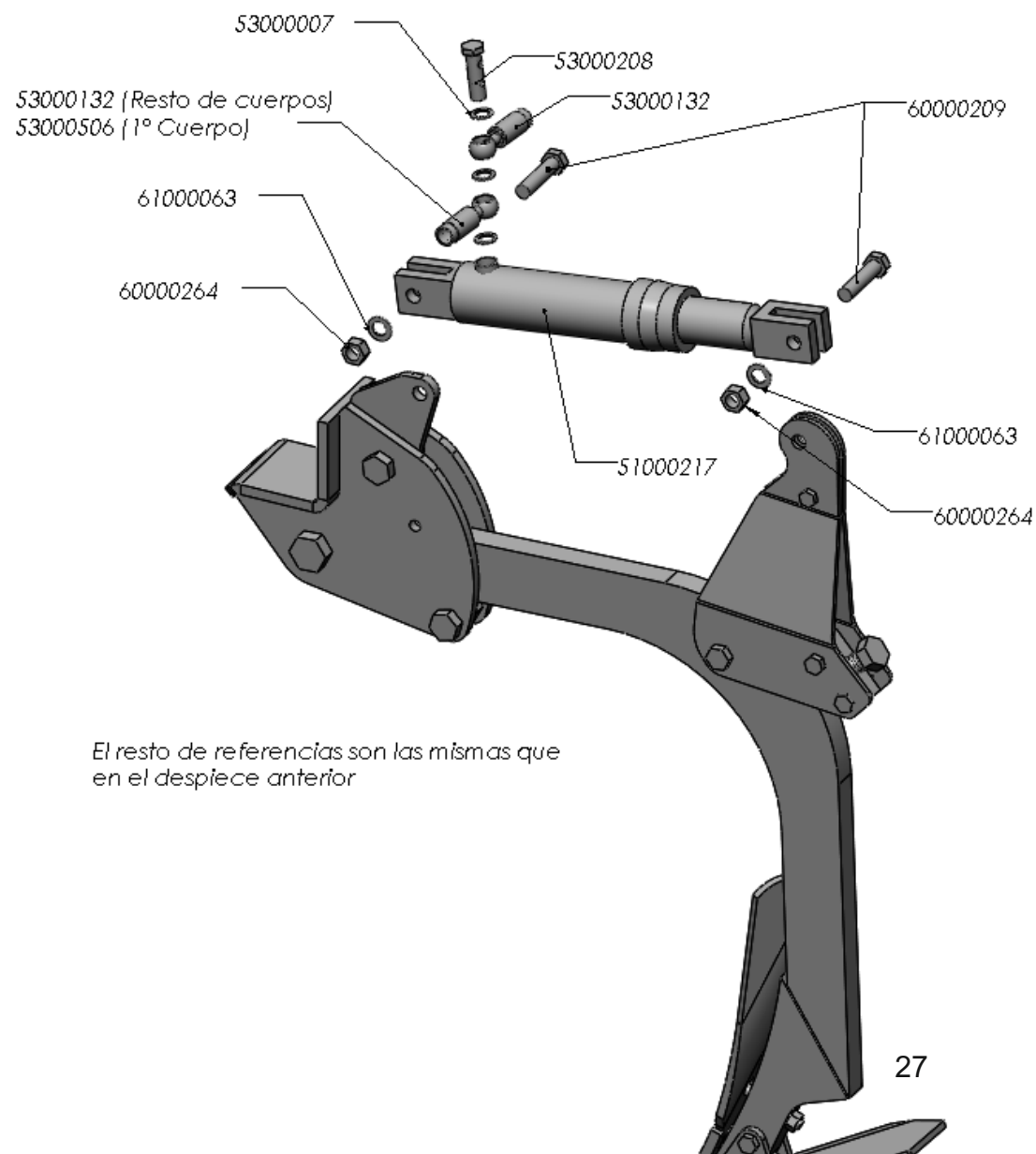
*Todas las demás referencias coinciden con el despiece anterior (CUERPO VBC)*



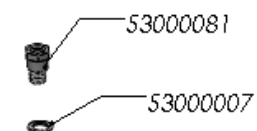
| REFERENCIA | DESCRIPCIÓN                   |
|------------|-------------------------------|
| 70004913   | PORTABALLESTA ANTER VBC CORTO |
| 70007916   | CAMBA VBC CORTA               |



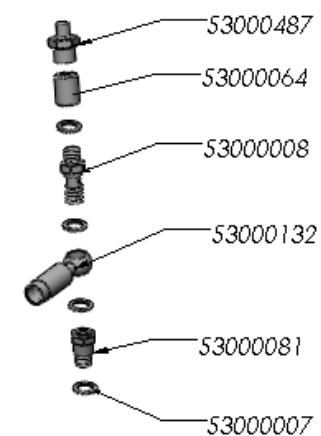
# HIDRO BODY VBC-300



Los brazos situados en la tercera fila al lado de los largueros de los rodillos llevarán a mayores un suplemento de 3/8 y otra junta de 3/8 para salvar el desnivel.



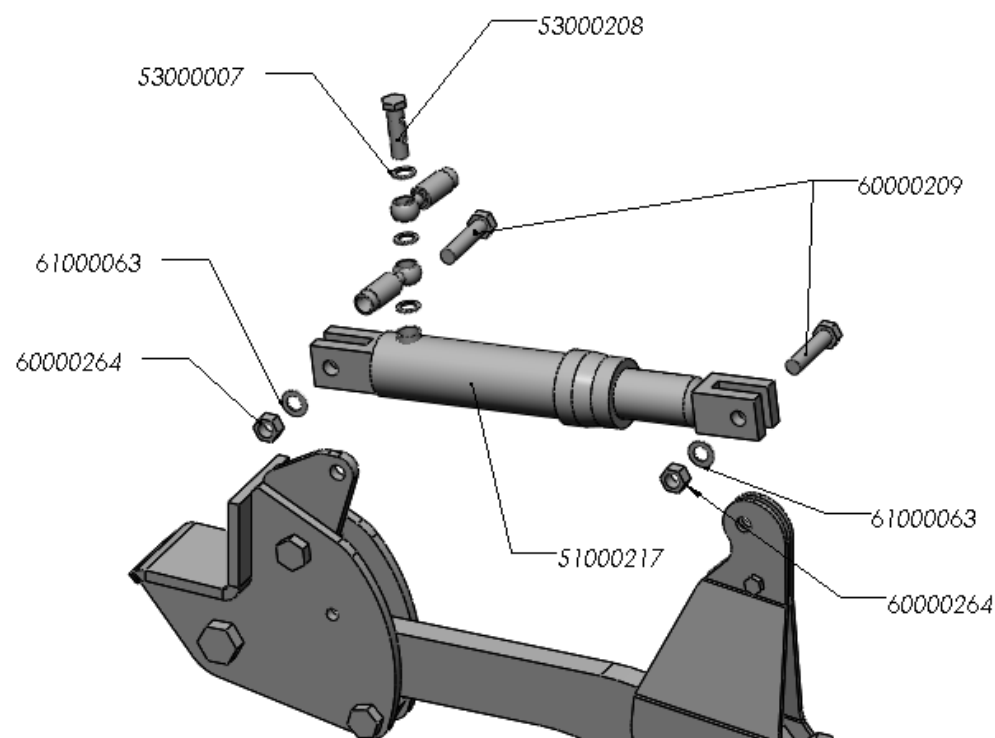
El último brazo se compone de los siguientes elementos a partir del cilindro



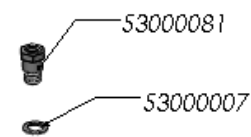
## HIDRO BODY VBC-300

| REFERENCIA | DESCRIPCIÓN                                  |
|------------|----------------------------------------------|
| 53000007   | JUNTA METAL/GOMA 3/8" 11602                  |
| 53000008   | TORNILLO PROLONGACION 3/8 4182               |
| 53000064   | MANGUITO UNION 3/8 4132                      |
| 53000081   | SUPLEMENTO 3/8" 4092                         |
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8                |
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8                |
| 53000208   | TORNILLO DOBLE 3/8" 4032                     |
| 53000487   | ADAPTADOR M.TOMA PRESION 3/8-16x200 MH191606 |
| 53000506   | LATIG.R2-3/8*800mm.OR-3/8/TL-18              |
| 60000209   | TORN.EXAG.C/LAR.16* 70 12.9 ZINC.            |
| 60000264   | TUER.AUTO.DIN-980 16 10.9 ZINC.              |
| 61000063   | ARAND.DIN-7349 16 8.8                        |

# HIDRO BODY VBC-350 VBC-400-P 450-P 500-P



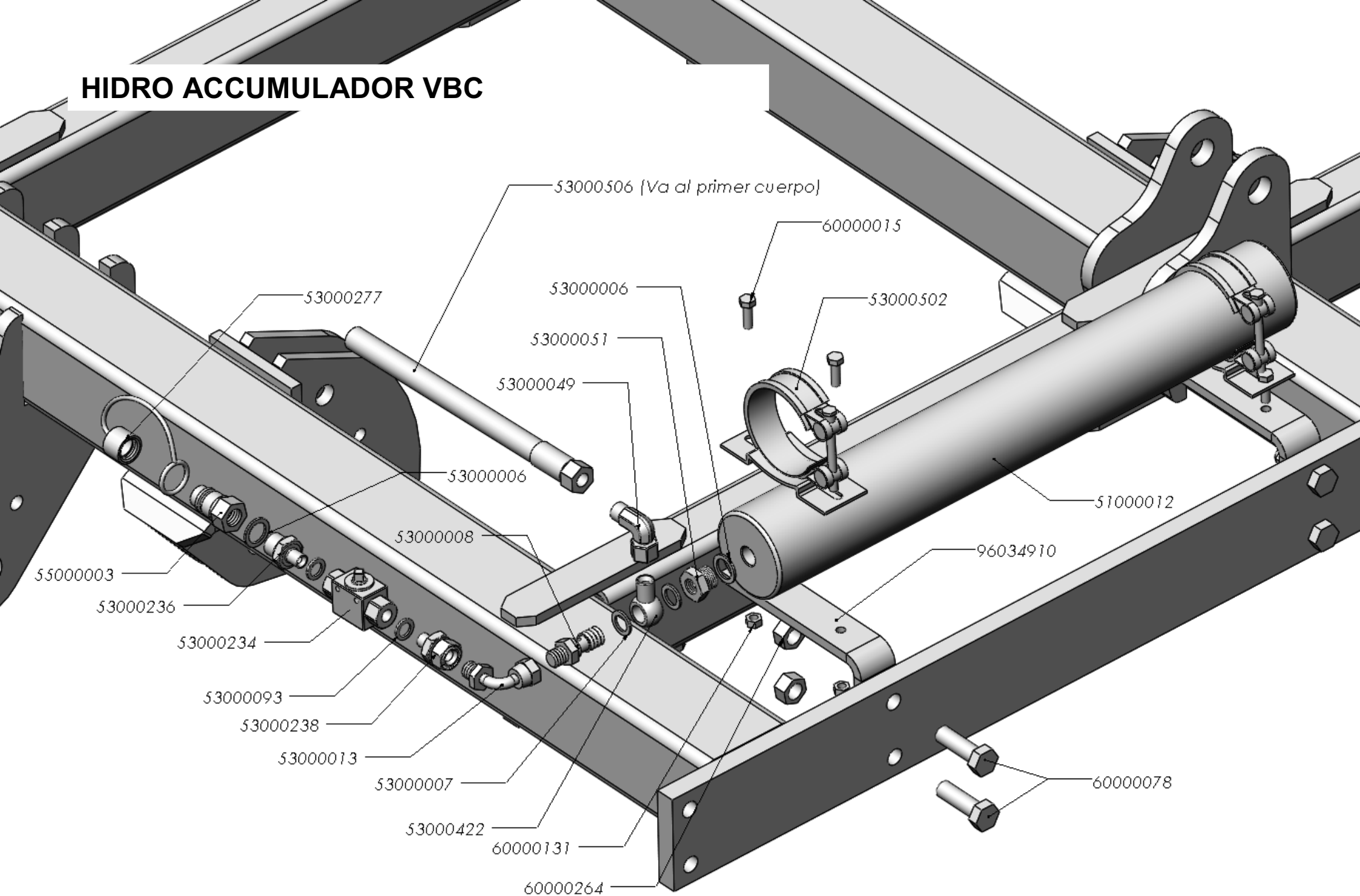
Los brazos situados en la tercera fila al lado de los largueros de los rodillos llevarán a mayores un suplemento de 3/8 y otra junta de 3/8 para salvar el desnivel.



El resto de referencias son las mismas que en el despiece anterior

| REFERENCIA | DESCRIPCIÓN                       |       |
|------------|-----------------------------------|-------|
| 53000007   | JUNTA METAL/GOMA 3/8"             | 11602 |
| 53000008   | TORNILLO PROLONGACION 3/8         | 4182  |
| 53000081   | SUPLEMENTO 3/8"                   | 4092  |
| 53000208   | TORNILLO DOBLE 3/8"               | 4032  |
| 60000209   | TORN.EXAG.C/LAR.16* 70 12.9 ZINC. |       |
| 60000264   | TUER.AUTO.DIN-980 16 10.9 ZINC.   |       |
| 61000063   | ARAND.DIN-7349 16 8.8             |       |

## HIDRO ACCUMULADOR VBC

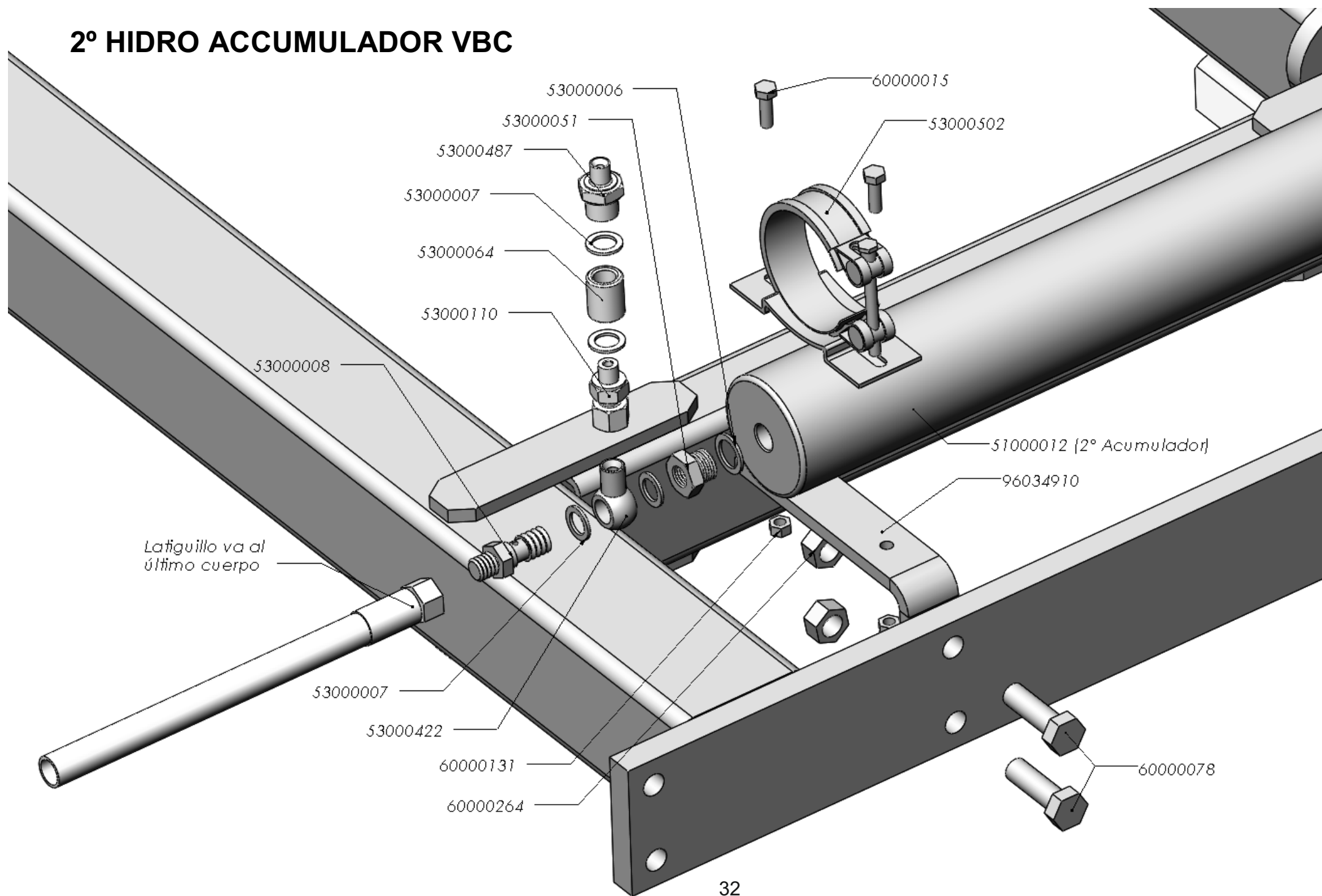




## HIDRO ACCUMULADOR VBC

| REFERENCIA | DESCRIPCIÓN                             | REFERENCIA | DESCRIPCIÓN                              |
|------------|-----------------------------------------|------------|------------------------------------------|
| 51000012   | ACUMULADOR PISTON PO20A34N1-AC RAL-6029 | 53000238   | REDUCCION MACHO-TUERCA LOCA 1/4-3/8 4322 |
| 53000006   | JUNTA METAL/GOMA 1/2" 11603             | 53000277   | PROTECTOR E.R.MACHO 1/2" AZUL 5029-4PB   |
| 53000006   | JUNTA METAL/GOMA 1/2" 11603             | 53000422   | ESFERICO 3/8" + UNION TUBO/TUBO 12       |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602             | 53000502   | ABRAZ.ACUMULADOR 80/88 MPC               |
| 53000008   | TORNILLO PROLONGACION 3/8 4182          | 55000003   | ADAPTADOR E.R.FASTER 1/2" 30410108       |
| 53000013   | CODO 90° M/H-3/8" 4292                  | 60000015   | TORN.EXAG.DIN-933 8* 25 8.8 ZINC.        |
| 53000049   | CODO C/TCA.LOCA EVW12-L                 | 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.       |
| 53000051   | REDUCTOR 1/2-3/8 4171                   | 60000131   | TUER.AUTO.DIN-980 8 8.8 ZINC.            |
| 53000093   | JUNTA METAL GOMA 1/4 11601              | 60000264   | TUER.AUTO.DIN-980 16 10.9 ZINC.          |
| 53000234   | VALV.ESFERA 2/2 1/4 GE2 DN6             | 96034910   | SOP.ACUMULADOR VBC                       |
| 53000236   | UNION REDUCCION 1/4-1/2 4371            |            |                                          |

## 2º HIDRO ACCUMULADOR VBC

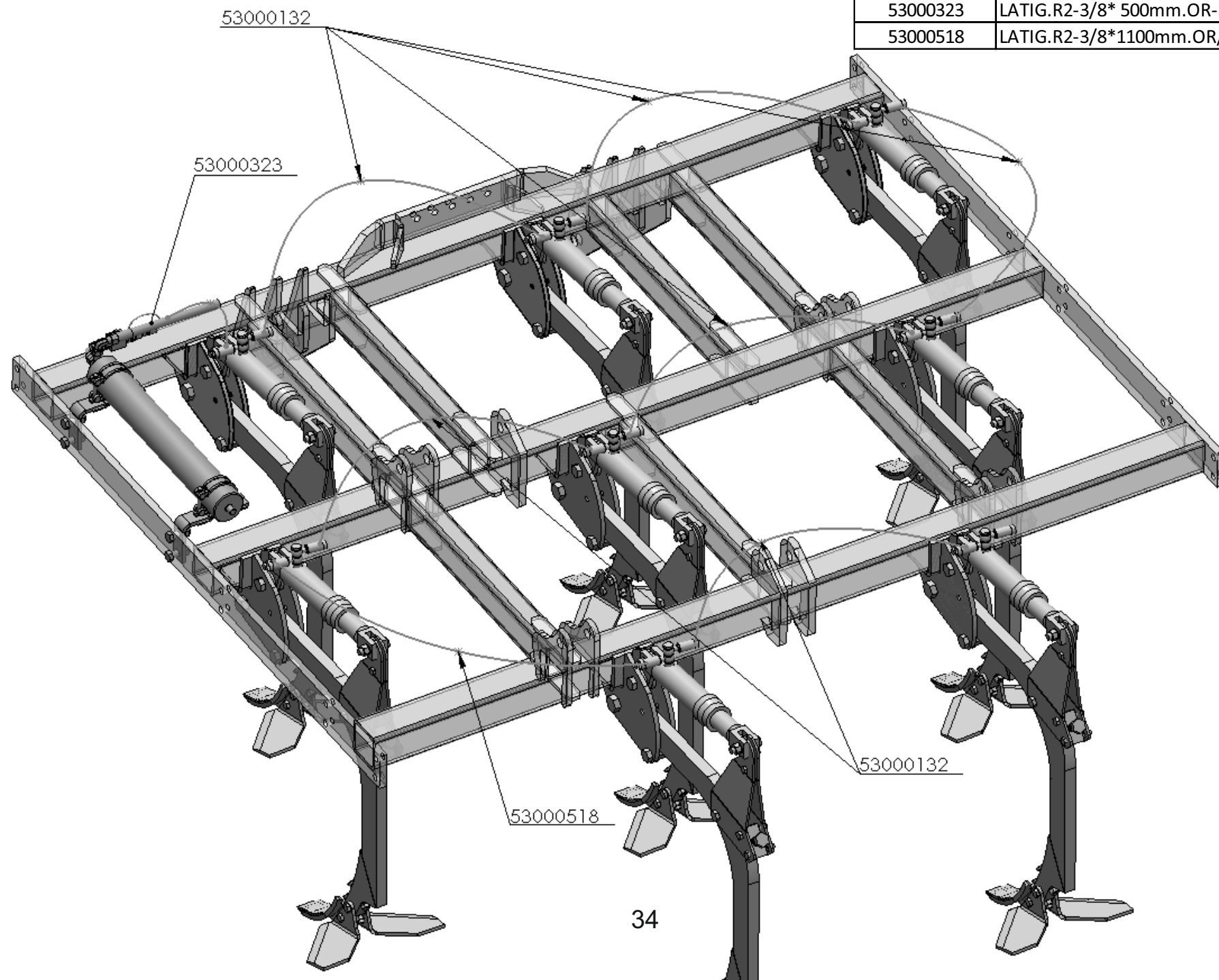


## 2º HIDRO ACCUMULADOR VBC

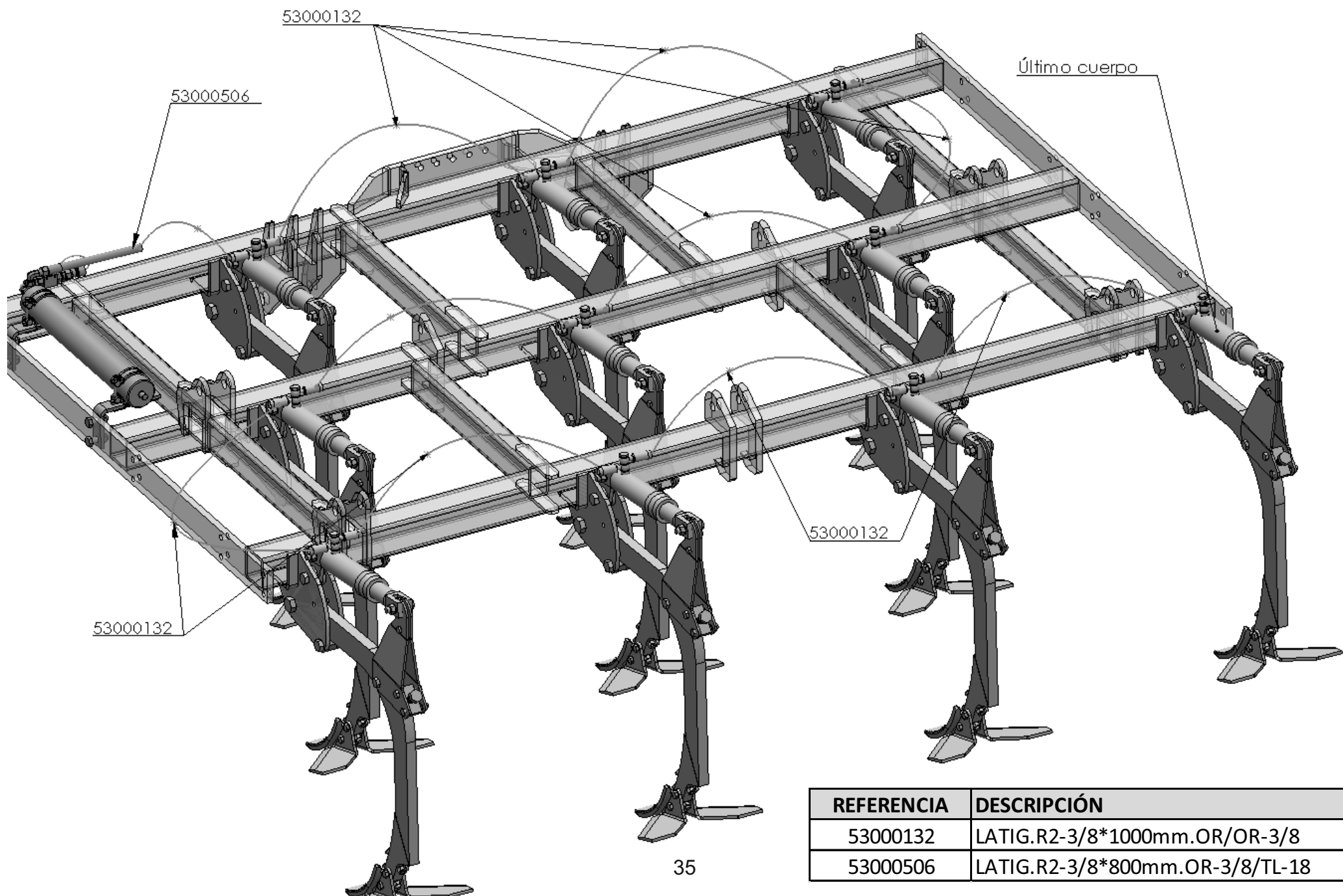
| REFERENCIA | DESCRIPCIÓN                                  |
|------------|----------------------------------------------|
| 51000012   | ACUMULADOR PISTON PO20A34N1-AC RAL-6029      |
| 53000006   | JUNTA METAL/GOMA 1/2" 11603                  |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602                  |
| 53000008   | TORNILLO PROLONGACION 3/8 4182               |
| 53000051   | REDUCTOR 1/2-3/8 4171                        |
| 53000064   | MANGUITO UNION 3/8 4132                      |
| 53000110   | MACHO BSP 3/8 TUERCA LOCA 12 EVGE12-L        |
| 53000422   | ESFERICO 3/8" + UNION TUBO/TUBO 12           |
| 53000487   | ADAPTADOR M.TOMA PRESION 3/8-16x200 MH191606 |
| 53000502   | ABRAZ.ACUMULADOR 80/88 MPC                   |
| 60000015   | TORN.EXAG.DIN-933 8* 25 8.8 ZINC.            |
| 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.           |
| 60000131   | TUER.AUTO.DIN-980 8 8.8 ZINC.                |
| 60000264   | TUER.AUTO.DIN-980 16 10.9 ZINC.              |
| 96034910   | SOP.ACUMULADOR VBC                           |

# VBC-240 HIDRO

| REFERENCIA | DESCRIPCIÓN                      |
|------------|----------------------------------|
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8    |
| 53000323   | LATIG.R2-3/8* 500mm.OR-3/8/TL-18 |
| 53000518   | LATIG.R2-3/8*1100mm.OR/OR-3/8    |



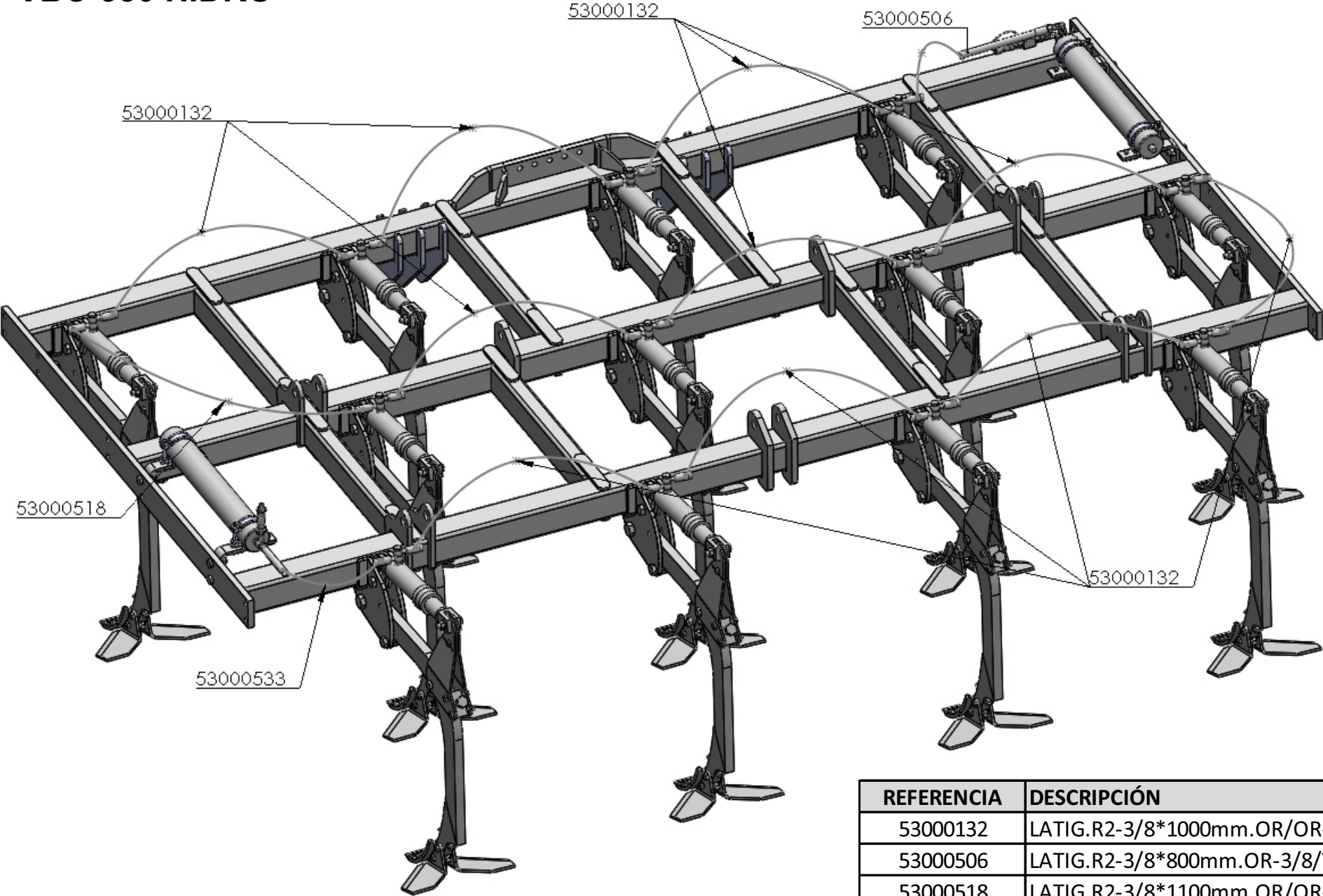
VBC-300 HIDRO



| REFERENCIA | DESCRIPCIÓN                     |
|------------|---------------------------------|
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8   |
| 53000506   | LATIG.R2-3/8*800mm.OR-3/8/TL-18 |

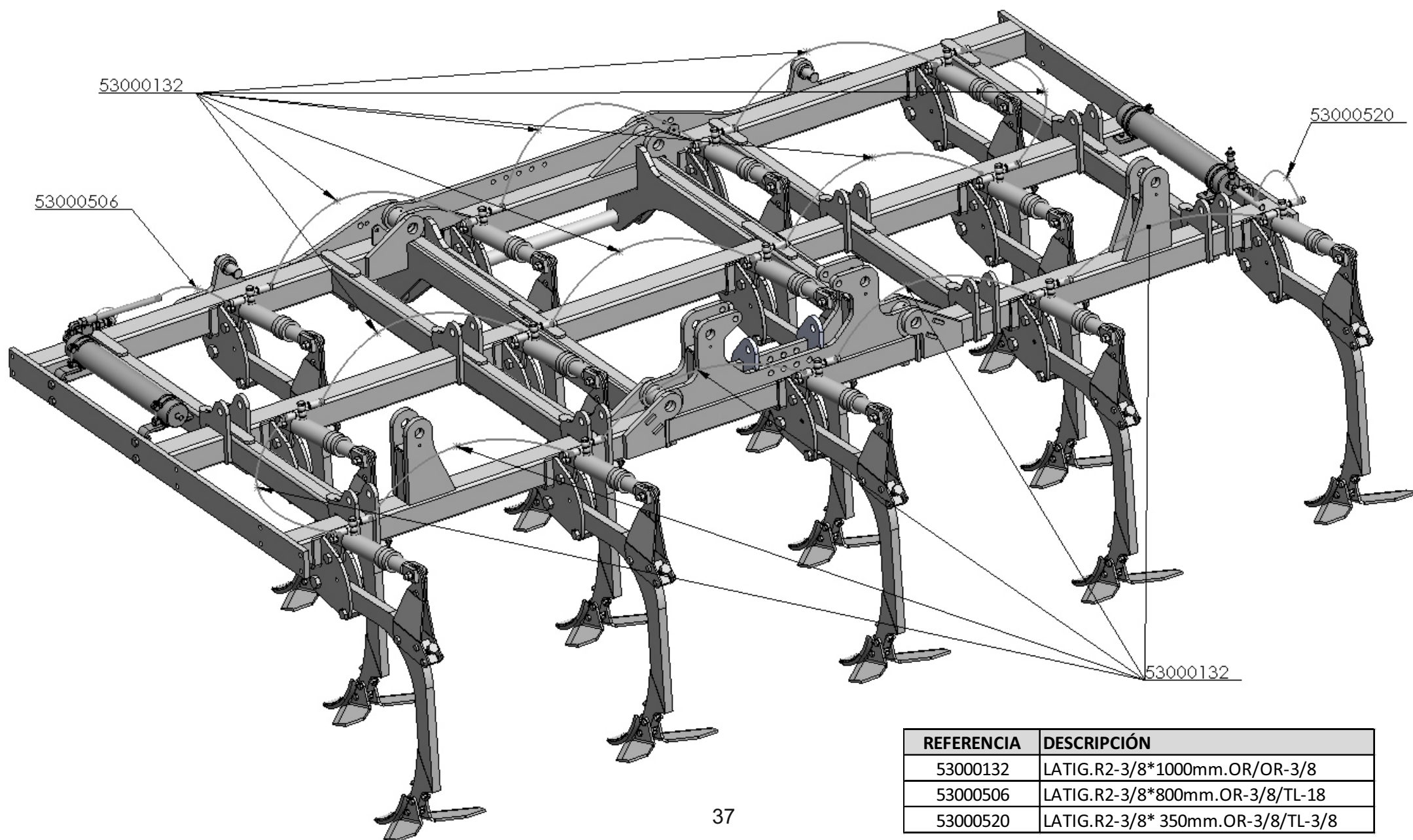


# VBC-350 HIDRO



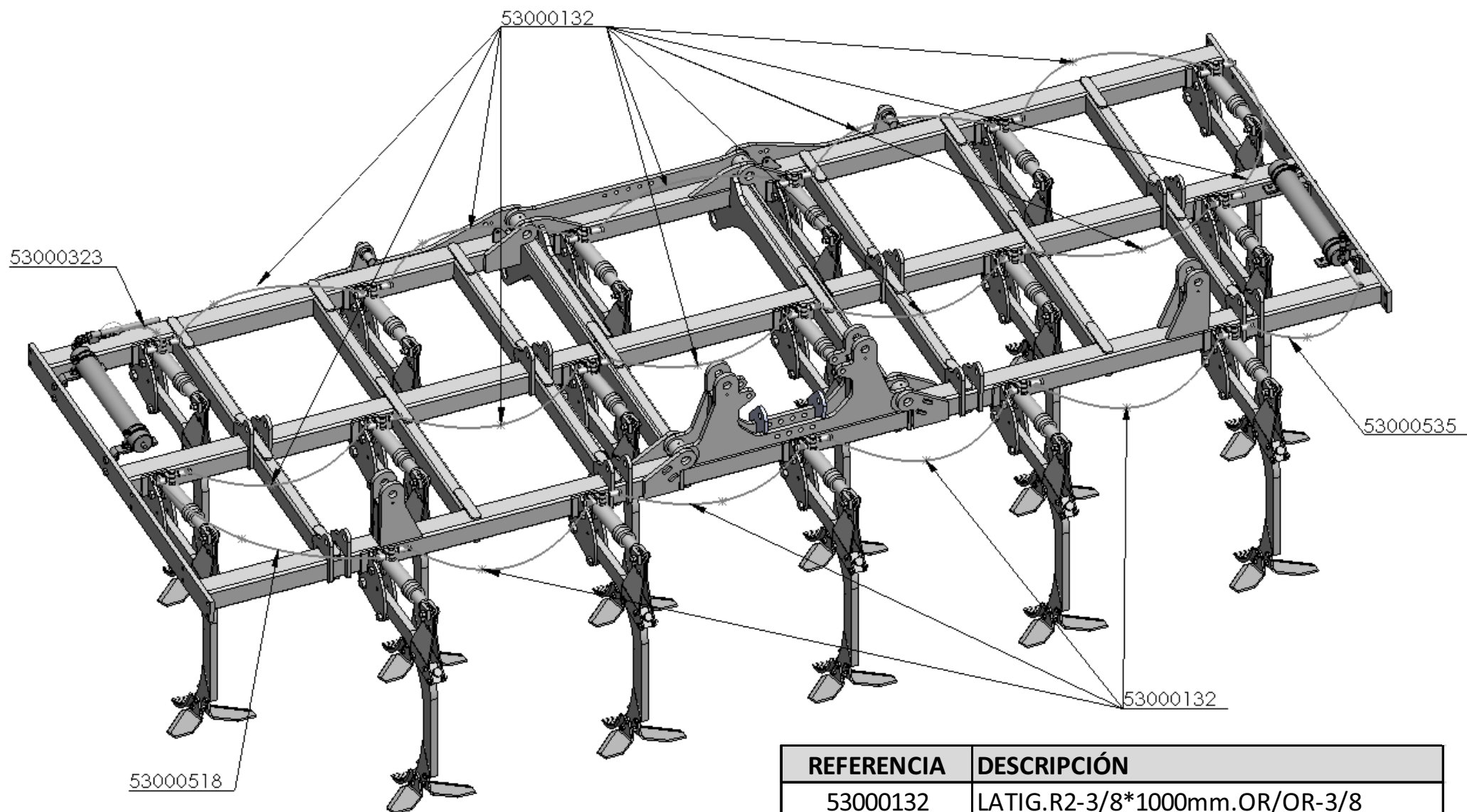
| REFERENCIA | DESCRIPCIÓN                       |
|------------|-----------------------------------|
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8     |
| 53000506   | LATIG.R2-3/8*800mm.OR-3/8/TL-18   |
| 53000518   | LATIG.R2-3/8*1100mm.OR/OR-3/8     |
| 53000533   | LATIG.R2-3/8* 750mm.OR-3/8/TL-3/8 |

## VBC-400-P HIDRO



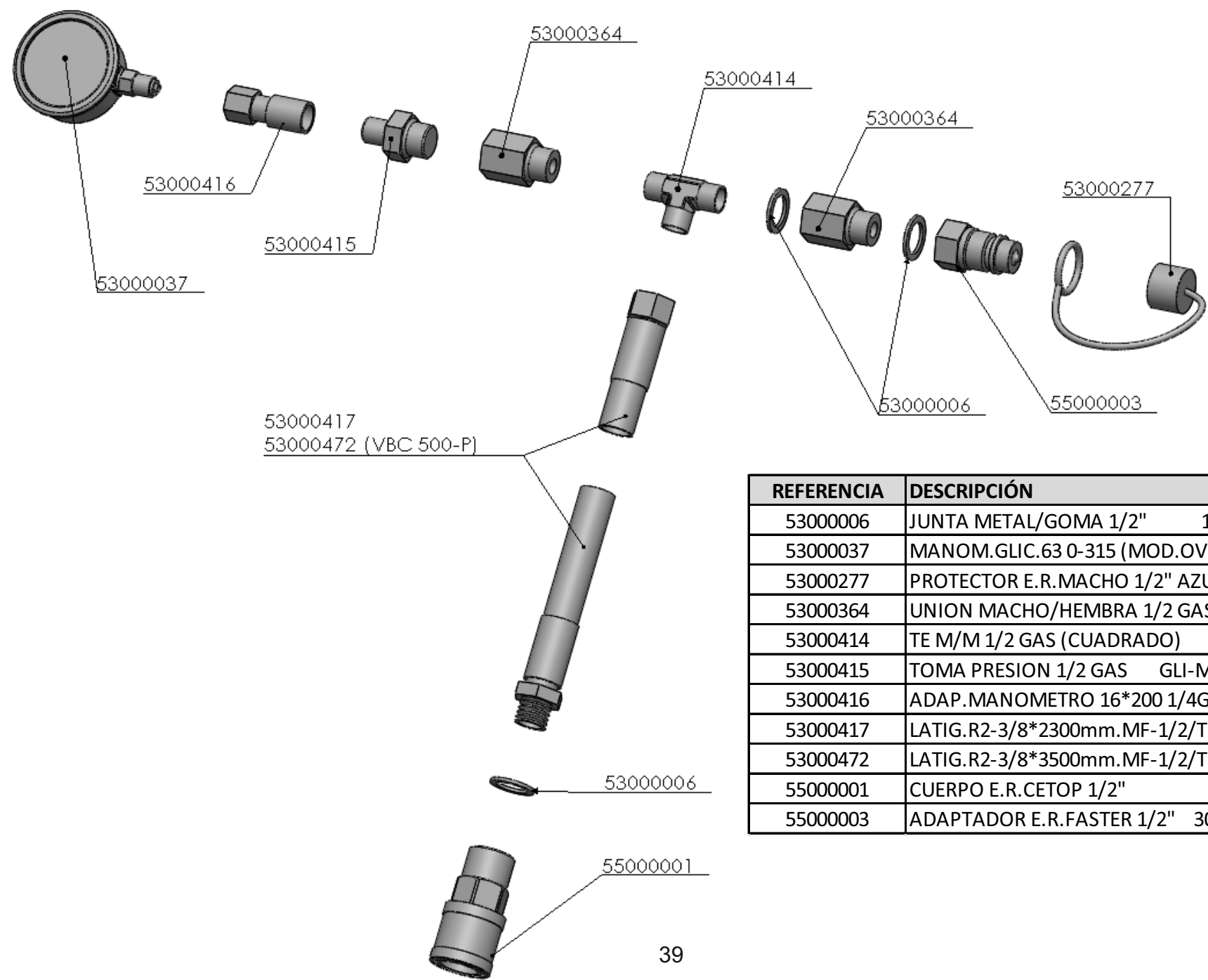
| REFERENCIA | DESCRIPCIÓN                       |
|------------|-----------------------------------|
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8     |
| 53000506   | LATIG.R2-3/8*800mm.OR-3/8/TL-18   |
| 53000520   | LATIG.R2-3/8* 350mm.OR-3/8/TL-3/8 |

## VBC-500-P HIDRO



| REFERENCIA | DESCRIPCIÓN                       |
|------------|-----------------------------------|
| 53000132   | LATIG.R2-3/8*1000mm.OR/OR-3/8     |
| 53000323   | LATIG.R2-3/8* 500mm.OR-3/8/TL-18  |
| 53000518   | LATIG.R2-3/8*1100mm.OR/OR-3/8     |
| 53000535   | LATIG.R2-3/8* 850mm.OR-3/8/TL-3/8 |

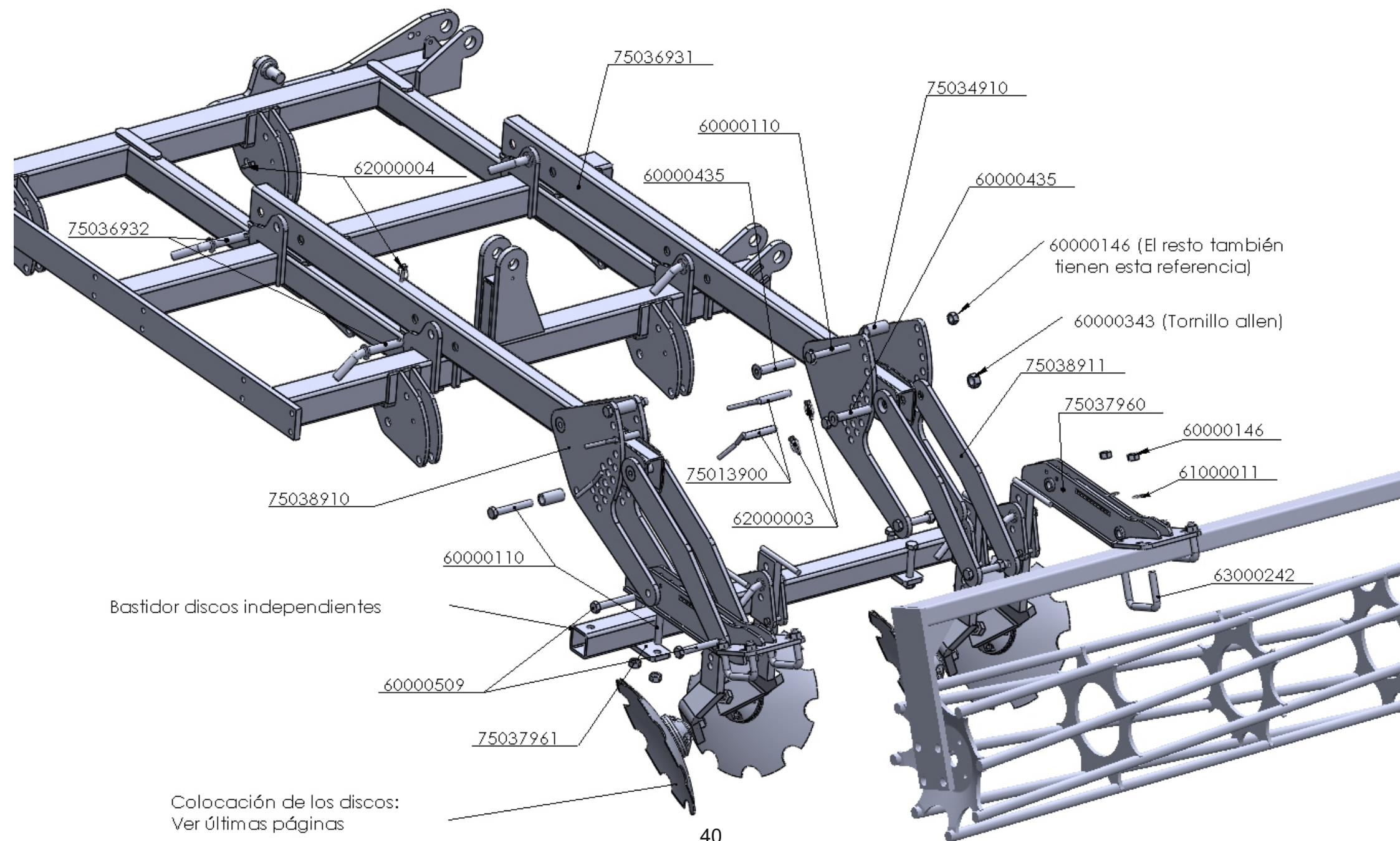
# HYDRAULIC TUBE OF LOAD



| REFERENCIA | DESCRIPCIÓN                                |
|------------|--------------------------------------------|
| 53000006   | JUNTA METAL/GOMA 1/2" 11603                |
| 53000037   | MANOM.GLIC.63 0-315 (MOD.OVLAC) 263R0-315  |
| 53000277   | PROTECTOR E.R.MACHO 1/2" AZUL 5029-4PB     |
| 53000364   | UNION MACHO/HEMBRA 1/2 GAS LEK-S-816-21-50 |
| 53000414   | TE M/M 1/2 GAS (CUADRADO) LEK-S-955-21     |
| 53000415   | TOMA PRESION 1/2 GAS GLI-MH191608          |
| 53000416   | ADAP.MANOMETRO 16*200 1/4G GLI-MH181604    |
| 53000417   | LATIG.R2-3/8*2300mm.MF-1/2/TL-1/2          |
| 53000472   | LATIG.R2-3/8*3500mm.MF-1/2/TL-1/2          |
| 55000001   | CUERPO E.R.CETOP 1/2"                      |
| 55000003   | ADAPTADOR E.R.FASTER 1/2" 30410108         |



## DISCS WITH ROLLER



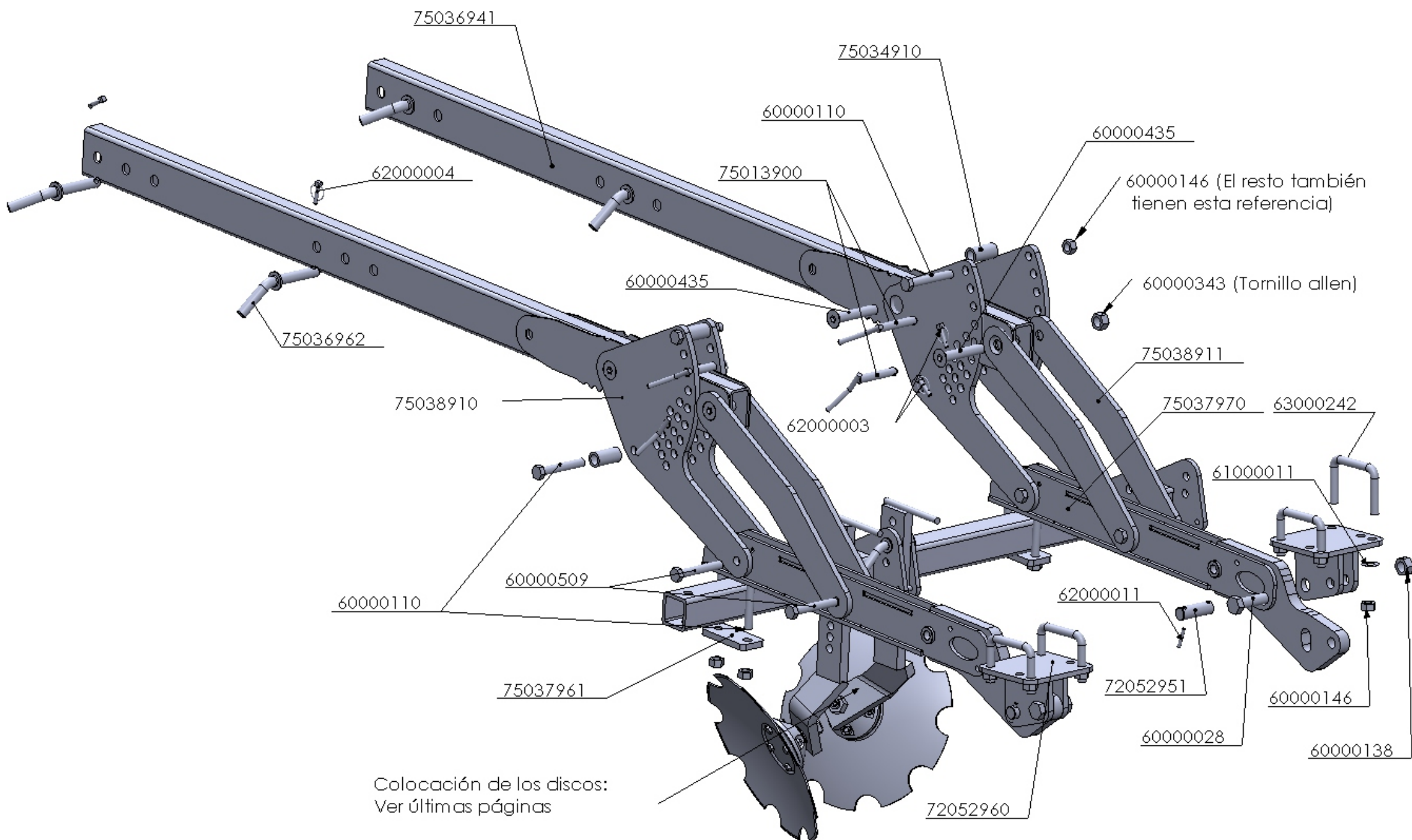


## DISCS WITH ROLLER

| REFERENCIA | DESCRIPCIÓN                                     |
|------------|-------------------------------------------------|
| 60000110   | TORN.EXAG.DIN-931 20*130 8.8 ZINC.              |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.                 |
| 60000343   | TUER.AUTO.DIN-980 24 8.8 ZINC.                  |
| 60000435   | TORN.ALLEN DIN-7991 24*130 10.9 ZINC.MECANIZADO |
| 60000509   | TORN.EXAG.DIN-931 20*130 12.9 ZINC.             |
| 62000003   | PASADOR ANILLA 6 ZINC.                          |
| 62000004   | PASADOR ANILLA 10 ZINC.                         |
| 75013900   | BULON D=20*118mm.REG.RODILLO ZINC.              |
| 75034910   | SEP.B.P.36/25* 70mm.ZINC.                       |
| 75036931   | BRAZO SOP.DISCOS/RODILLO VBC (D/14)             |
| 75036932   | BULON D=26,5*125mm.BRAZO VBC                    |
| 75037960   | BRAZO.SOP.RODILLO C/DISCOS VBC (D/14)           |
| 75037961   | PLACA AMARRE DISCOS VBC                         |
| 75038910   | ABANICO BRAZO DISCOS/RODILLO VBC                |
| 75038911   | BIELA BRAZO DISCOS/RODILLO VBC                  |
| 63000242   | ABARCON RODILLO 122x98 M-20 8.8 ZINC.           |
| 61000011   | ARAND.DIN-125 20 ZINC.                          |

| BASTIDOR DISCOS INDEPENDIENTES |                                              |
|--------------------------------|----------------------------------------------|
| REFERENCIA                     | DESCRIPCIÓN                                  |
| 75042908                       | BAST.DISCOS INDEPENDIENTES VBC 2,250m.       |
| 75042910                       | BAST.DISCOS INDEPENDIENTES VBC 2,850m.       |
| 75042911                       | BAST.DISCOS INDEPENDIENTES VBC 3,750m.       |
| 75042912                       | BAST.DISCOS INDEPENDIENTES VBC 3,490m.       |
| 75042913                       | BAST.DISCOS INDEPENDIENTES VBC 1,870m.IZQDO. |
| 75042914                       | BAST.DISCOS INDEPENDIENTES VBC 1,870m.DCHO.  |
| 75042915                       | BAST.DISCOS INDEPENDIENTES VBC 1,550m.IZQDO. |
| 75042916                       | BAST.DISCOS INDEPENDIENTES VBC 1,550m.DCHO.  |
| 75042917                       | BAST.DISCOS INDEPENDIENTES VBC 2,150m.IZQDO. |
| 75042918                       | BAST.DISCOS INDEPENDIENTES VBC 2,150m.DCHO.  |

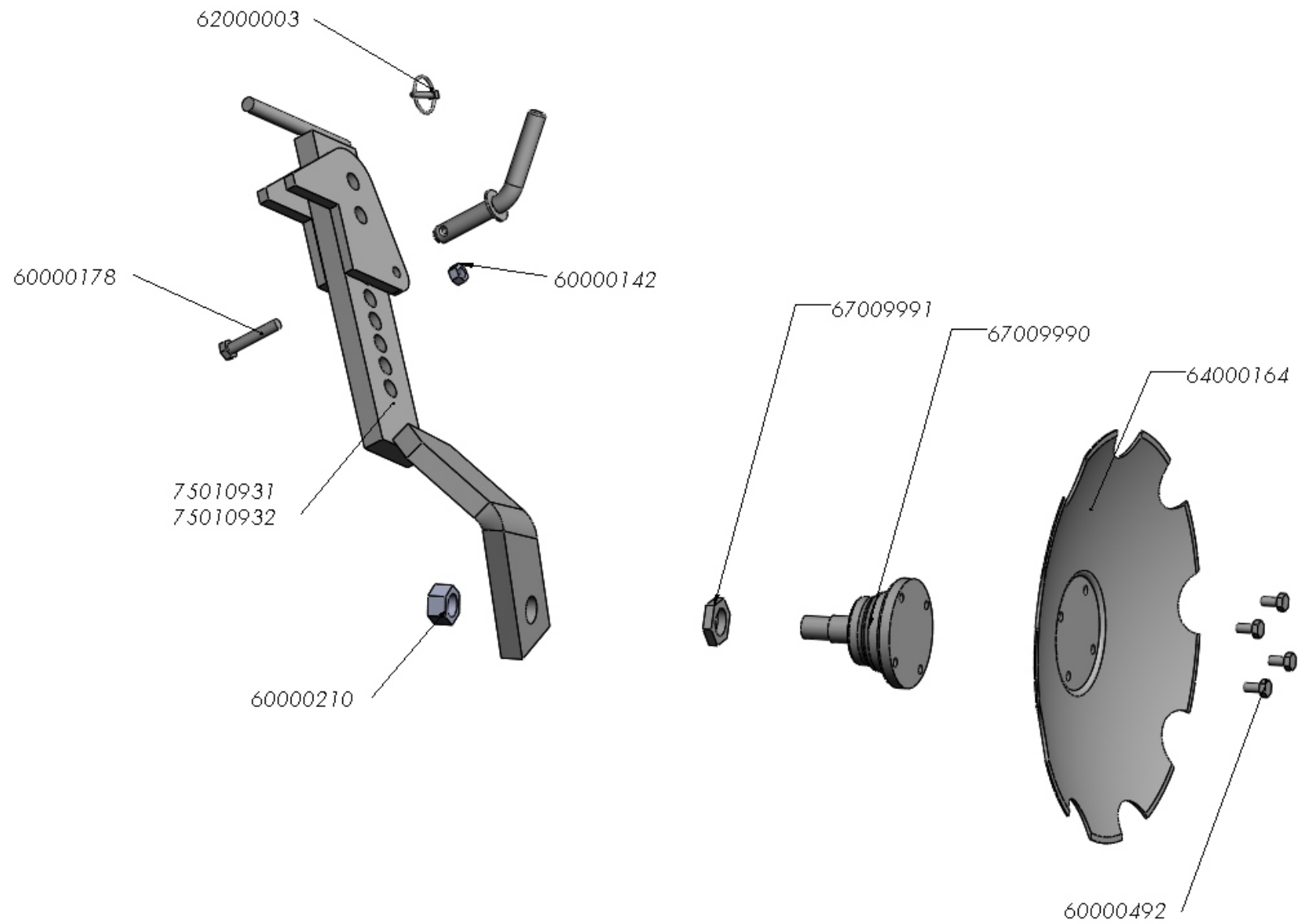
# DISCS WITH DOUBLE ROLLER



## DISCS WITH DOUBLE ROLLER

| REFERENCIA | DESCRIPCIÓN                                     |
|------------|-------------------------------------------------|
| 60000028   | TORN.EXAG.DIN-931 1"* 90 SAE 8.8                |
| 60000110   | TORN.EXAG.DIN-931 20*130 8.8 ZINC.              |
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.              |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.                 |
| 60000343   | TUER.AUTO.DIN-980 24 8.8 ZINC.                  |
| 60000435   | TORN.ALLEN DIN-7991 24*130 10.9 ZINC.MECANIZADO |
| 60000509   | TORN.EXAG.DIN-931 20*130 12.9 ZINC.             |
| 61000011   | ARAND.DIN-125 20 ZINC.                          |
| 62000003   | PASADOR ANILLA 6 ZINC.                          |
| 62000004   | PASADOR ANILLA 10 ZINC.                         |
| 62000011   | PASADOR ELAST.DIN-1481 8* 50 ZINC.              |
| 63000242   | ABARCON RODILLO 122x98 M-20 8.8 ZINC.           |
| 72052960   | ARTIC.RODILLO DOBLE VBC                         |
| 75013900   | BULON D=20*118mm.REG.RODILLO ZINC.              |
| 75034910   | SEP.B.P.36/25* 70mm.ZINC.                       |
| 75036932   | BULON D=26,5*125mm.BRAZO VBC                    |
| 75036941   | BRAZO SOP.DISCOS/RODILLO DOBLE VBC (D/14)       |
| 75037961   | PLACA AMARRE DISCOS VBC                         |
| 75037970   | BRAZO.SOP.RODILLO DOBLE C/DISCOS VBC (D/14)     |
| 75038910   | ABANICO BRAZO DISCOS/RODILLO VBC                |
| 75038911   | BIELA BRAZO DISCOS/RODILLO VBC                  |

# DISCS

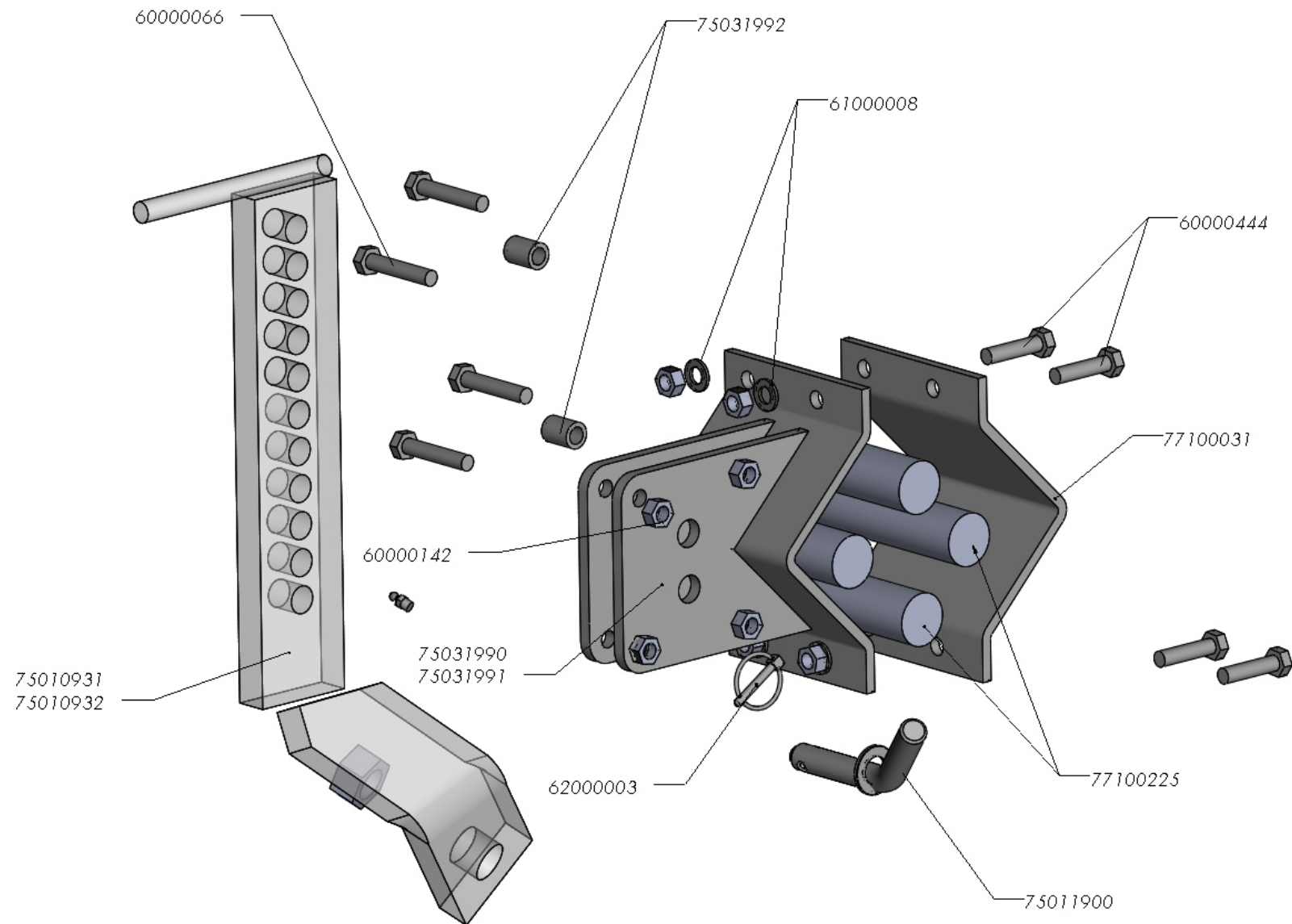




## DISCS

| REFERENCIA | DESCRIPCIÓN                                |
|------------|--------------------------------------------|
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.             |
| 60000178   | TORN.EXAG.DIN-931 12* 65 8.8 ZINC.         |
| 60000210   | TUER.AUTO.DIN-985 1" SAE 8.8               |
| 60000492   | TORN.EXAG.DIN-933 10* 20 10.9 ZINC.        |
| 62000003   | PASADOR ANILLA 6 ZINC.                     |
| 64000164   | DISCO CONCAVO MUESC.FENIX/VB 1960-18" 4mm. |
| 67009990   | CONJ.BUJE + EJE DISCOS 20" (D/16)          |
| 67009991   | ARANDELA FRENO BUJE DISCOS                 |
| 75010931   | SOP.DISCOS VBC IZQD.                       |
| 75010932   | SOP.DISCOS VBC DCHO.                       |
| 75011900   | BULON D=20*200mm.REG.DISCO FENIX/VBC       |

## NON STOP DISCS

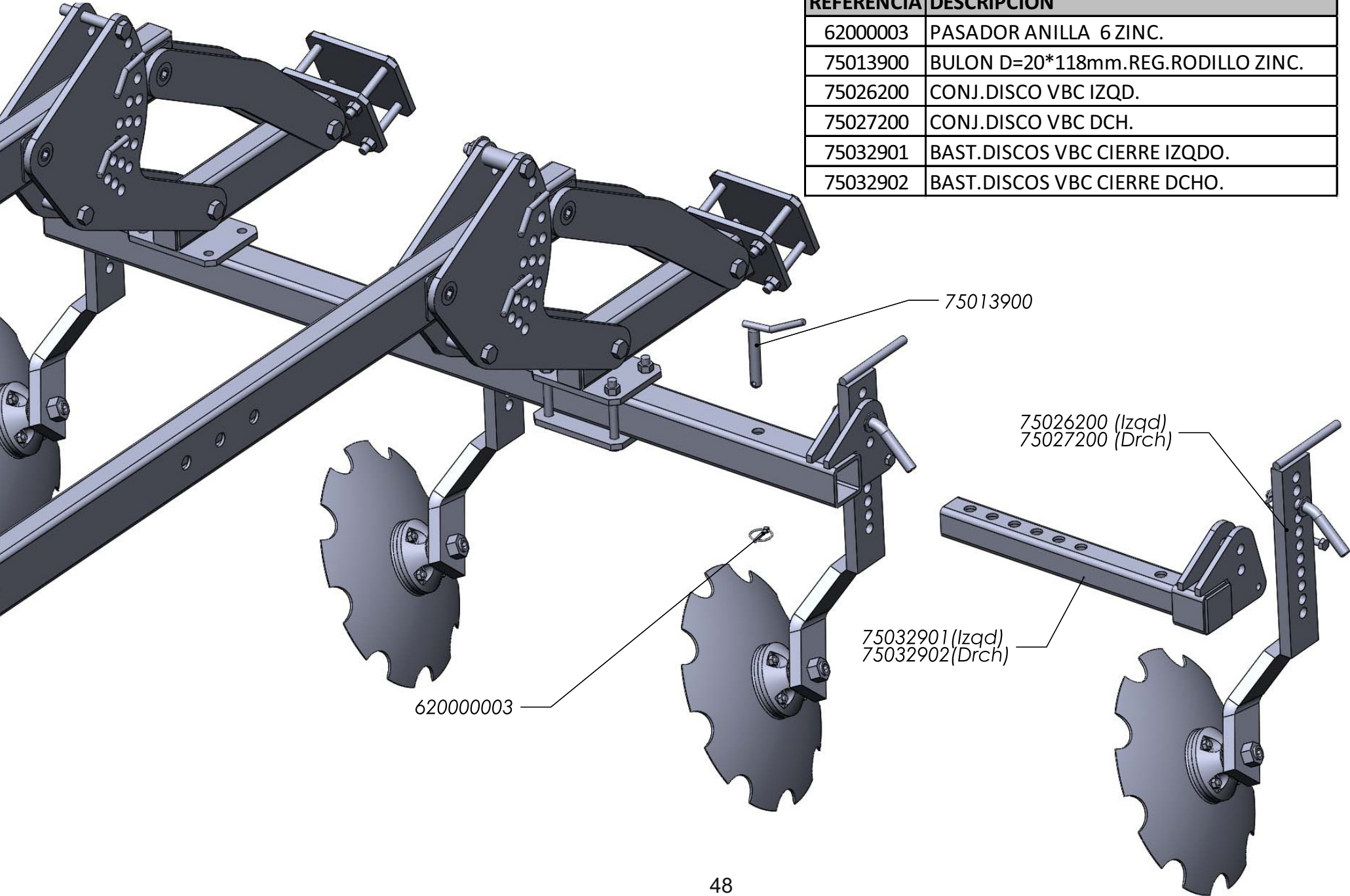


*Los componenetes del disco son los mismos que en el despiece anterior*

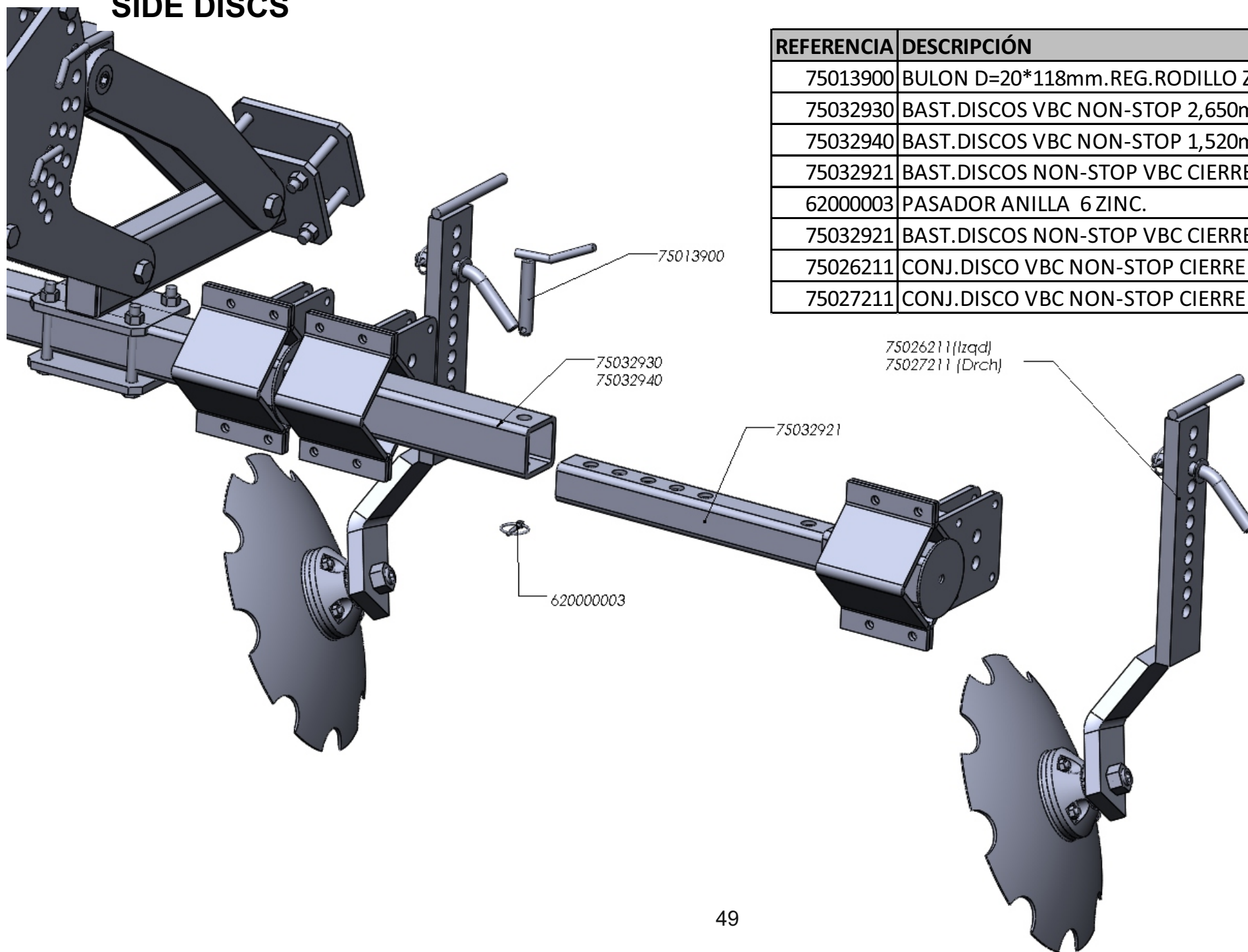
## NON STOP DISCS

| REFERENCIA | DESCRIPCIÓN                             |
|------------|-----------------------------------------|
| 60000066   | TORN.EXAG.DIN-931 12* 60 8.8 ZINC.      |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.          |
| 60000444   | TORN.ARADO DIN-603/934 12*50 10.9 ZINC. |
| 61000008   | ARAND.DIN-125 12 ZINC.                  |
| 62000003   | PASADOR ANILLA 6 ZINC.                  |
| 75010931   | SOP.DISCOS VBC IZQD.                    |
| 75010932   | SOP.DISCOS VBC DCHO.                    |
| 75011900   | BULON D=20*200mm.REG.DISCO FENIX/VBC    |
| 75031990   | SOP.DISCO NON-STOP CIERRE VBC           |
| 75031991   | SOP.DISCO NON-STOP VBC                  |
| 75031992   | CASQ.D=20/13*27mm.                      |
| 77100225   | SUSPENSION ELASTICA D=40*160mm.         |
| 77100031   | LLANTA AMARRE DISCO NON-STOP VBC        |

# SIDE DISCS



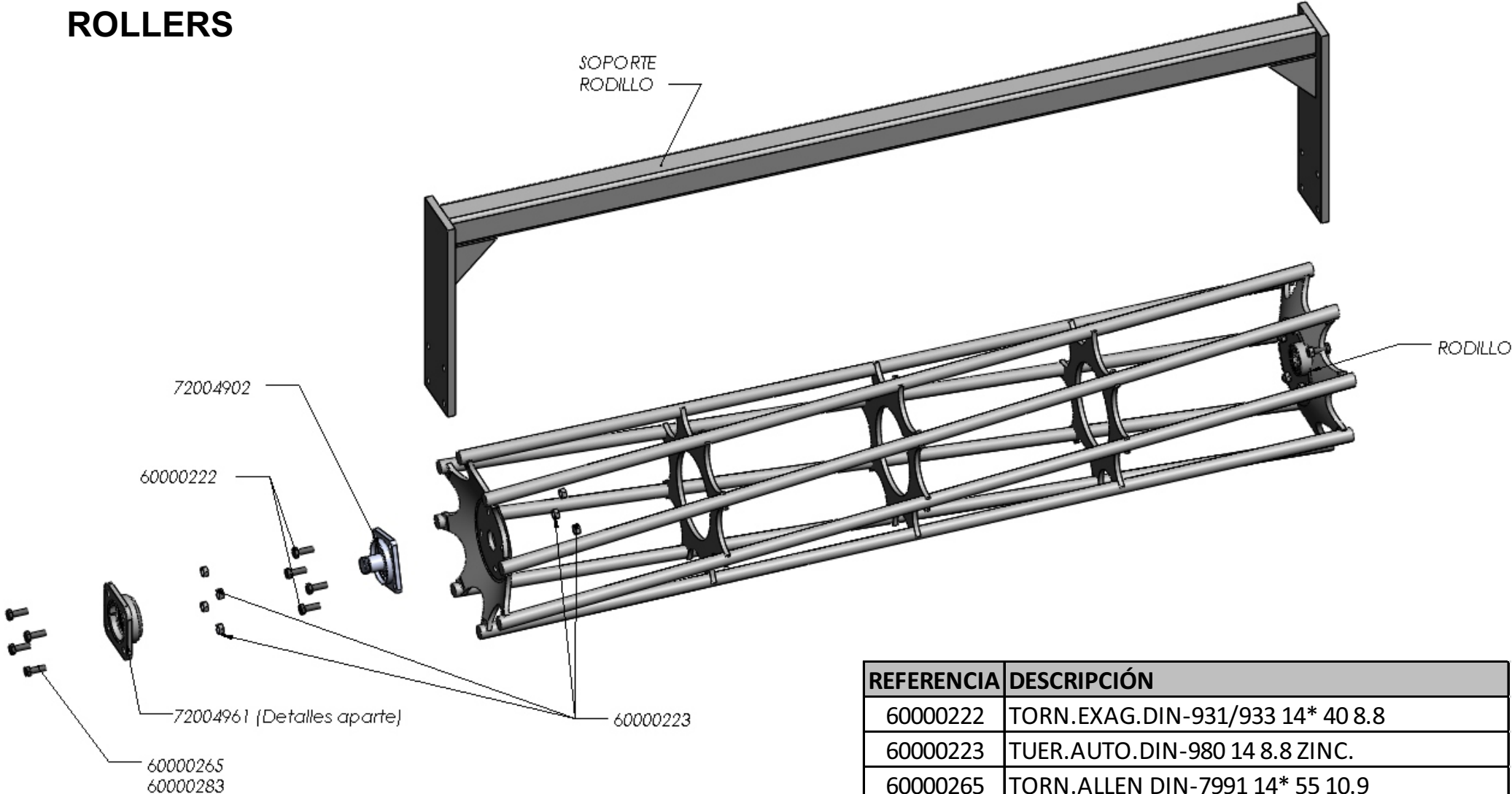
## SIDE DISCS



| REFERENCIA | DESCRIPCIÓN                          |
|------------|--------------------------------------|
| 75013900   | BULON D=20*118mm.REG.RODILLO ZINC.   |
| 75032930   | BAST.DISCOS VBC NON-STOP 2,650m.     |
| 75032940   | BAST.DISCOS VBC NON-STOP 1,520m.     |
| 75032921   | BAST.DISCOS NON-STOP VBC CIERRE      |
| 62000003   | PASADOR ANILLA 6 ZINC.               |
| 75032921   | BAST.DISCOS NON-STOP VBC CIERRE      |
| 75026211   | CONJ.DISCO VBC NON-STOP CIERRE IZQD. |
| 75027211   | CONJ.DISCO VBC NON-STOP CIERRE DCH.  |



ROLLERS



| REFERENCIA | DESCRIPCIÓN                      |
|------------|----------------------------------|
| 60000222   | TORN.EXAG.DIN-931/933 14* 40 8.8 |
| 60000223   | TUER.AUTO.DIN-980 14 8.8 ZINC.   |
| 60000265   | TORN.ALLEN DIN-7991 14* 55 10.9  |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9  |
| 72004902   | EJE RODILLO CIERRE ESFERICO      |
| 72004961   | CONJ.BUJE RFZD.RODILLO (D/14)    |

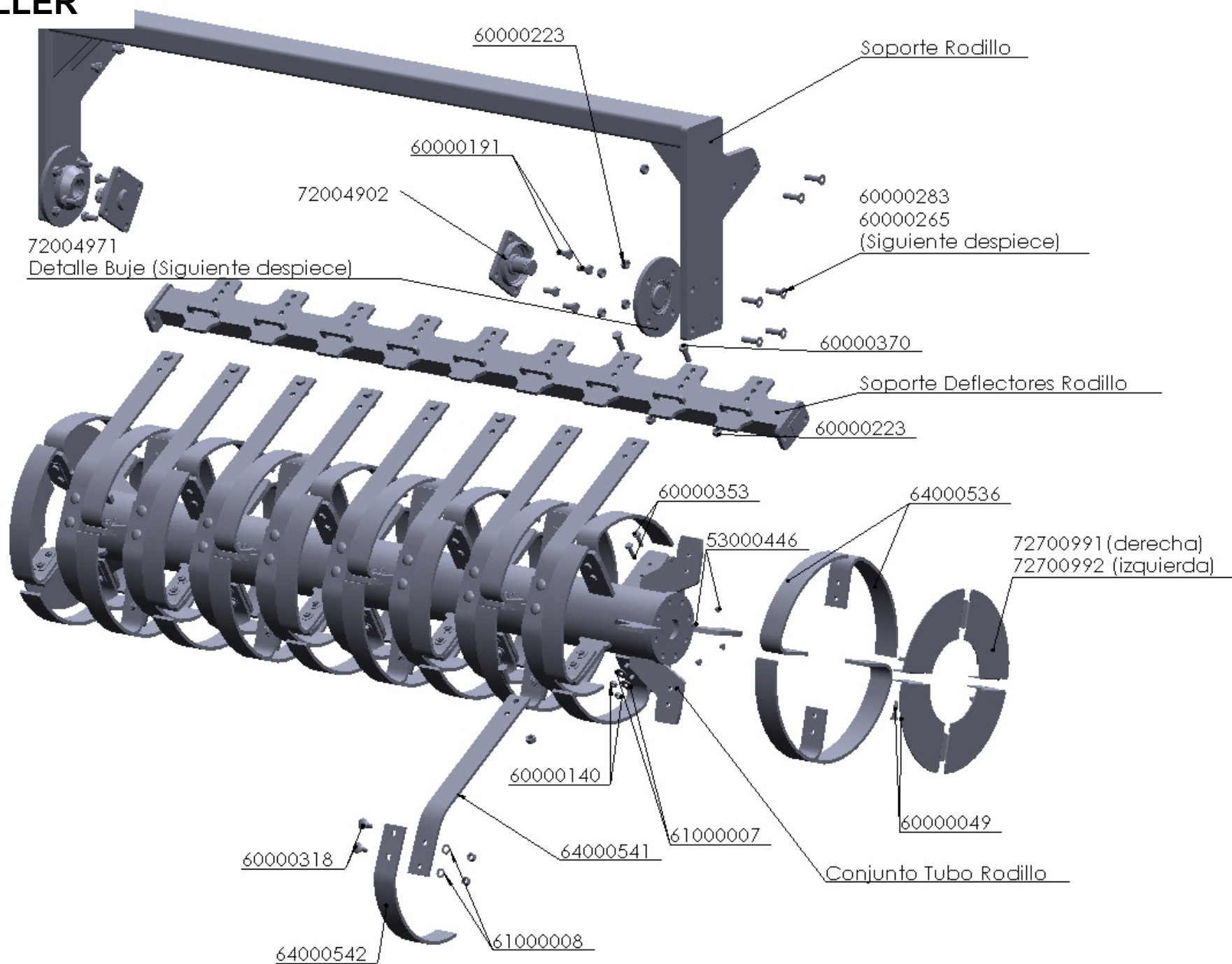
## ROLLERS

| RODILLOS |               |               |               |               |            |             |             |
|----------|---------------|---------------|---------------|---------------|------------|-------------|-------------|
| Metros   | 8 BARRAS      | 10 BARRAS     | 8 MUESCAS     | 10 MUESCAS    | 8 PLETINAS | 10 PLETINAS | 12 PLETINAS |
| 1,95     | 72001919      | 72011919      | 72101919      | 72151919      |            |             |             |
| 2,20     | 72001920      | 72011920      | 72101920      | 72151920      |            |             |             |
| 2,55     | 72001926      | 72011926      | 72101926      | 72151926      |            |             |             |
| 2,70     | 72001925      | 72011925      | 72101925      | 72151925      |            |             |             |
| 3,00     | 72001931      | 72011931      | 72101931      |               |            |             |             |
| 3,30     | 72001930      | 72011930      | 72101930      |               | 72111930   | 72112930    |             |
| 3,80     | 72001935      | 72011935      | 7210935       | 72151925      |            |             |             |
| 3,90     | 72001919      |               | 72101919 (x2) |               |            |             |             |
| 4,15     | 72001919      |               | 72101919      | 72151919      |            |             |             |
|          | 72001920      |               | 72101920      | 72151920      |            |             |             |
| 4,20     |               |               |               |               |            |             | 72113942    |
| 4,40     | 72001920 (x2) | 72011920 (x2) | 72101920 (x2) | 72151920 (x2) |            |             |             |
| 4,75     | 72001920      |               |               |               |            |             |             |
|          | 72001926      |               |               |               |            |             |             |
| 5,10     | 72001926 (x2) |               | 72101926 (x2) |               |            |             |             |
| 5,40     | 72001925 (x2) |               | 72101925 (x2) |               |            |             |             |
| 5,70     |               | 72011925      |               |               |            |             |             |
|          |               | 72011931      |               |               |            |             |             |
| 6,00     |               |               | 72101931 (x2) |               |            |             |             |
| 6,30     | 72001930      |               | 72101930      |               |            |             |             |
|          | 72001931      |               | 72101931      |               |            |             |             |

# ROLLERS

| SOPORTE RODILLO |               |               |           |
|-----------------|---------------|---------------|-----------|
| Metros          | CHISEL        | MAXIDISC II   | VERSATILL |
| 1,95            | 72002920      |               | 72021919  |
| 2,20            | 72002919      |               | 72021922  |
| 2,55            |               |               | 72021925  |
| 2,70            | 72002925      | 72021927      | 72021927  |
| 3,00            | 72002931      | 72021930      | 72021930  |
| 3,30            | 72002930      |               |           |
| 3,60            |               |               | 72021938  |
| 3,80            | 72002935      |               | 72021938  |
| 3,90            | 72012919 (x2) |               |           |
| 4,00            |               | 72024920      | 72703940  |
| 4,15            |               | 72021919      | 72021919  |
|                 |               | 72021922      | 72021922  |
| 4,20            | 72002940      |               |           |
| 4,40            | 72016920 (x2) |               |           |
| 4,75            |               | 72021922      | 72021922  |
|                 |               | 72021925      | 72021925  |
| 5,10            |               | 72021925 (x2) |           |
| 5,25            |               |               | 72021925  |
|                 |               |               | 72021927  |
| 5,40            | 72012925 (x2) |               |           |
| 5,70            | 72012925      |               |           |
|                 | 72012931      |               |           |
| 6,00            |               | 72021930 (x2) |           |
| 6,30            | 72012930      |               |           |
|                 | 72012931      |               |           |

# SPRING ROLLER



## SPRING ROLLER

| REFERENCIA | DESCRIPCIÓN                            |
|------------|----------------------------------------|
| 53000446   | TAPON PVC NEGRO 12,3mm.                |
| 60000049   | TORN.EXAG.DIN-931 10* 40 10.9 ZINC.    |
| 60000140   | TUER.AUTO.DIN-980 10 8.8 ZINC.         |
| 60000191   | TORN.EXAG.DIN-933 14* 30 8.8 ZINC.     |
| 60000223   | TUER.AUTO.DIN-980 14 8.8 ZINC.         |
| 60000265   | TORN.ALLEN DIN-7991 14* 55 10.9        |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9        |
| 60000318   | TORN.ARADO DIN-603/934 12*35 8.8 ZINC. |
| 60000353   | TORN.EXAG.DIN-931 10* 35 10.9 ZINC.    |
| 60000370   | TORN.EXAG.DIN-933 14* 35 8.8 ZINC.     |
| 61000007   | ARAND.DIN-9021 10 ZINC.                |
| 61000008   | ARAND.DIN-125 12 ZINC.                 |
| 64000536   | BALLESTA RODILLO 60*9                  |
| 64000541   | SOP.DEFLECTOR ROD.BALLESTA             |
| 64000542   | DEFLECTOR ROD.BALLESTA                 |
| 72004902   | EJE RODILLO CIERRE ESFERICO            |
| 72700991   | CHAPA PLEGADA 1                        |
| 72700992   | CHAPA PLEGADA 2                        |



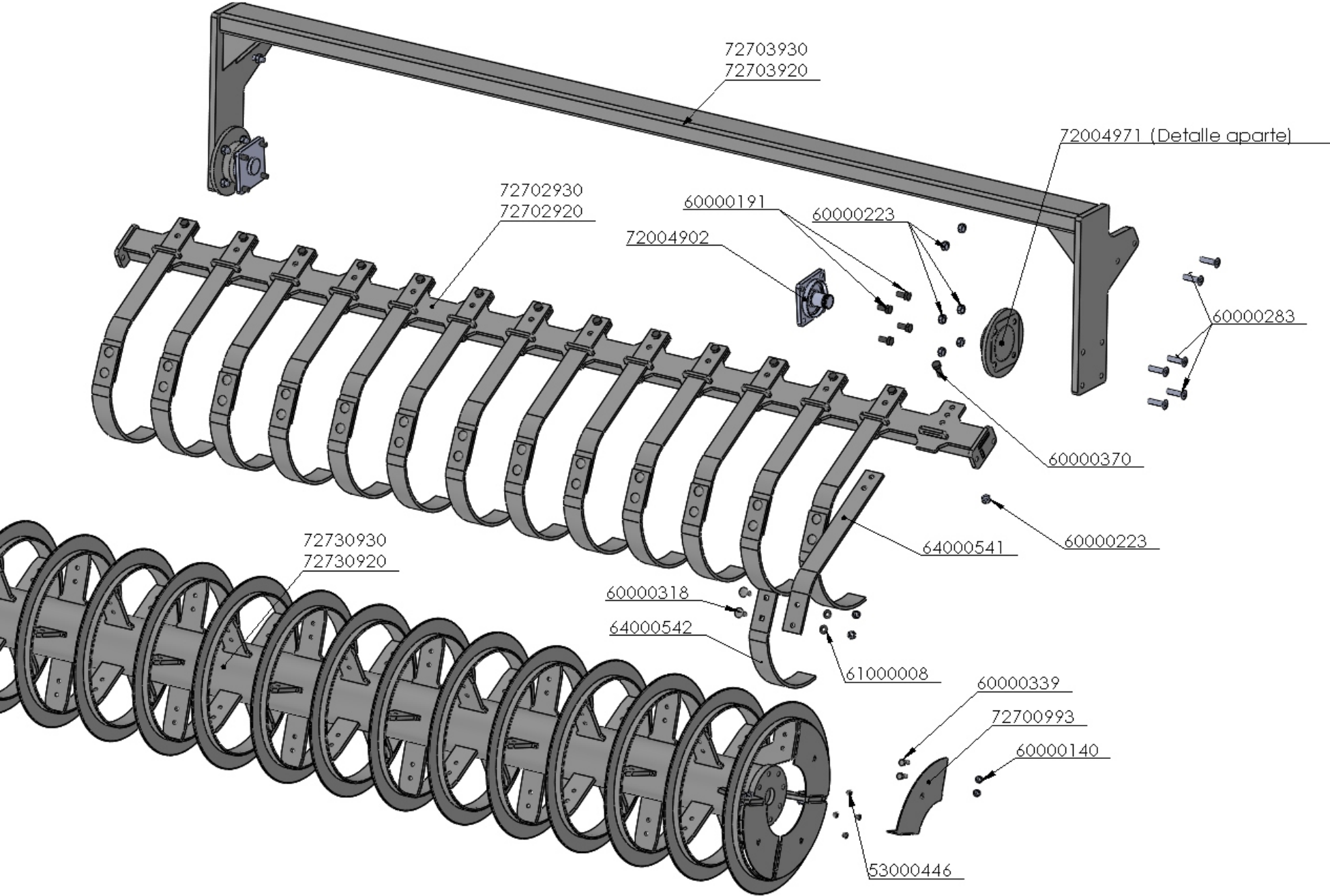
## SPRING ROLLER

| Soporte Rodillo |                                      |
|-----------------|--------------------------------------|
| REFERENCIA      | DESCRIPCIÓN                          |
| 72703920        | SOP. RODILLO BALLESTAS 2,00m. (D/14) |
| 72703922        | SOP. RODILLO BALLESTAS 2,20m. (D/14) |
| 72703924        | SOP. RODILLO BALLESTAS 2,40m. (D/14) |
| 72703926        | SOP. RODILLO BALLESTAS 2,60m. (D/14) |
| 72703930        | SOP. RODILLO BALLESTAS 3,00m. (D/14) |
| 72703936        | SOP. RODILLO BALLESTAS 3,60m. (D/14) |
| 72703940        | SOP. RODILLO BALLESTAS 4,00m. (D/14) |

| Soporte Deflectores Rodillo |                                           |
|-----------------------------|-------------------------------------------|
| REFERENCIA                  | DESCRIPCIÓN                               |
| 72702920                    | SOP. DEFLECTORES RODILLO BALLESTAS 2,00m. |
| 72702922                    | SOP. DEFLECTORES RODILLO BALLESTAS 2,20m. |
| 72702924                    | SOP. DEFLECTORES RODILLO BALLESTAS 2,40m. |
| 72702926                    | SOP. DEFLECTORES RODILLO BALLESTAS 2,60m. |
| 72702930                    | SOP. DEFLECTORES RODILLO BALLESTAS 3,00m. |
| 72702936                    | SOP. DEFLECTORES RODILLO BALLESTAS 3,60m. |
| 72702940                    | SOP. DEFLECTORES RODILLO BALLESTAS 4,00m. |

| Conjunto Tubo Rodillo |                                        |
|-----------------------|----------------------------------------|
| REFERENCIA            | DESCRIPCIÓN                            |
| 72700920              | CONJUNTO TUBO RODILLO BALLESTAS 2,00m. |
| 72700922              | CONJUNTO TUBO RODILLO BALLESTAS 2,20m. |
| 72700924              | CONJUNTO TUBO RODILLO BALLESTAS 2,40m. |
| 72700926              | CONJUNTO TUBO RODILLO BALLESTAS 2,60m. |
| 72700930              | CONJUNTO TUBO RODILLO BALLESTAS 3,00m. |
| 72700936              | CONJUNTO TUBO RODILLO BALLESTAS 3,60m. |
| 72700940              | CONJUNTO TUBO RODILLO BALLESTAS 4,00m. |

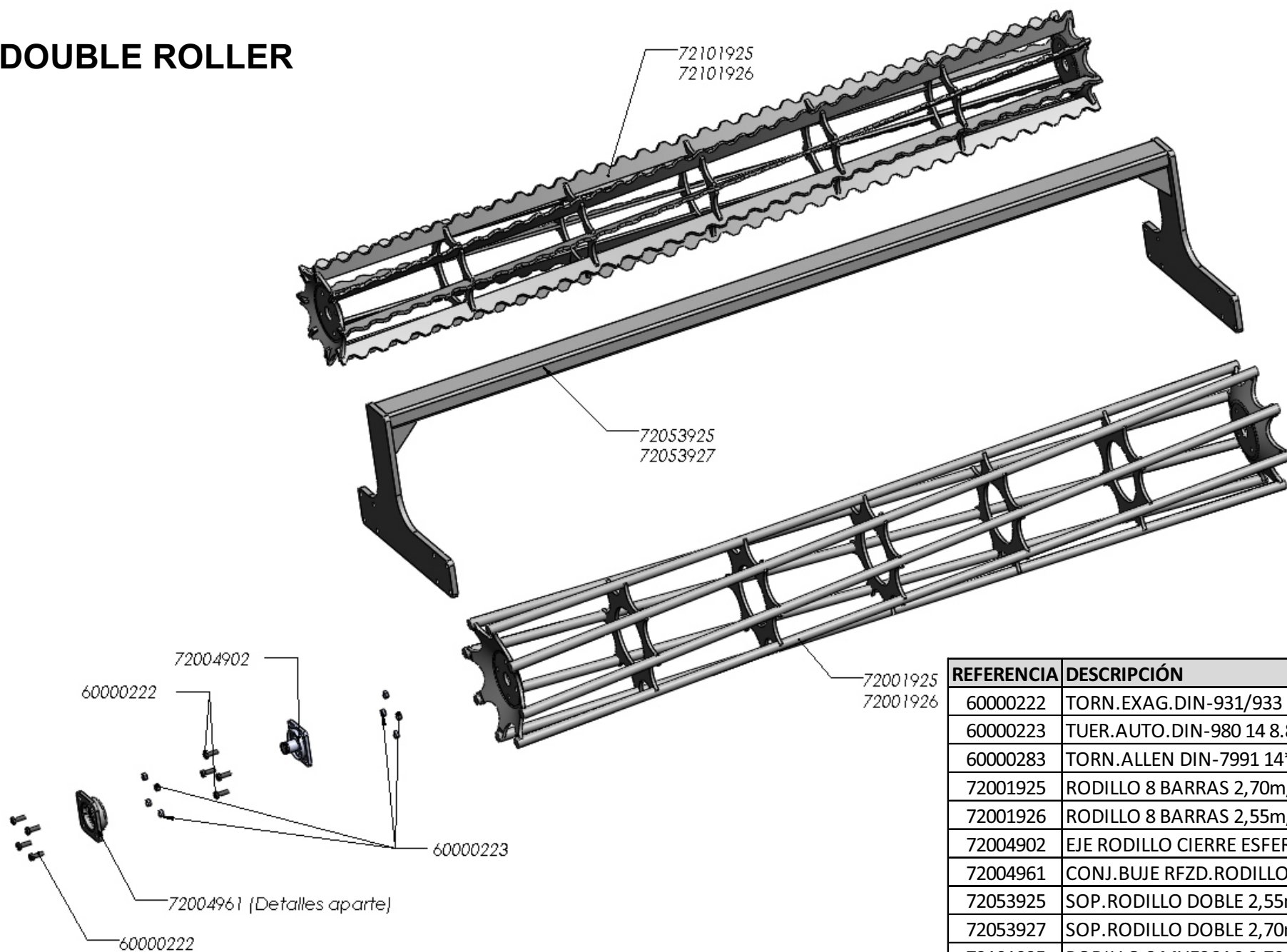
T RING ROLLER



## T RING ROLLER

| REFERENCIA | DESCRIPCIÓN                              |
|------------|------------------------------------------|
| 53000446   | TAPON PVC NEGRO 12,3mm.                  |
| 60000140   | TUER.AUTO.DIN-980 10 8.8 ZINC.           |
| 60000191   | TORN.EXAG.DIN-933 14* 30 8.8 ZINC.       |
| 60000223   | TUER.AUTO.DIN-980 14 8.8 ZINC.           |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9          |
| 60000318   | TORN.ARADO DIN-603/934 12*35 8.8 ZINC.   |
| 60000339   | TORN.EXAG.DIN-933 10* 30 8.8 ZINC.       |
| 60000370   | TORN.EXAG.DIN-933 14* 35 8.8 ZINC.       |
| 61000008   | ARAND.DIN-125 12 ZINC.                   |
| 64000541   | SOP.DEFLECTOR ROD.BALLESTA               |
| 64000542   | DEFLECTOR ROD.BALLESTA                   |
| 72004902   | EJE RODILLO CIERRE ESFERICO              |
| 72004971   | CONJ.BUJE RFZD.RODILLO CRG MCH (D/14)    |
| 72700993   | CHAPA PLEGADA 3                          |
| 72702920   | SOP.DEFLECTORES RODILLO BALLESTAS 2,00m. |
| 72702930   | SOP.DEFLECTORES RODILLO BALLESTAS 3,00m. |
| 72703920   | SOP.RODILLO BALLESTAS 2,00m. (D/14)      |
| 72703930   | SOP.RODILLO BALLESTAS 3,00m. (D/14)      |
| 72730920   | CONJUNTO TUBO RODILLO "T-RING" 2,00m.    |
| 72730930   | CONJUNTO TUBO RODILLO "T-RING" 3,00m.    |

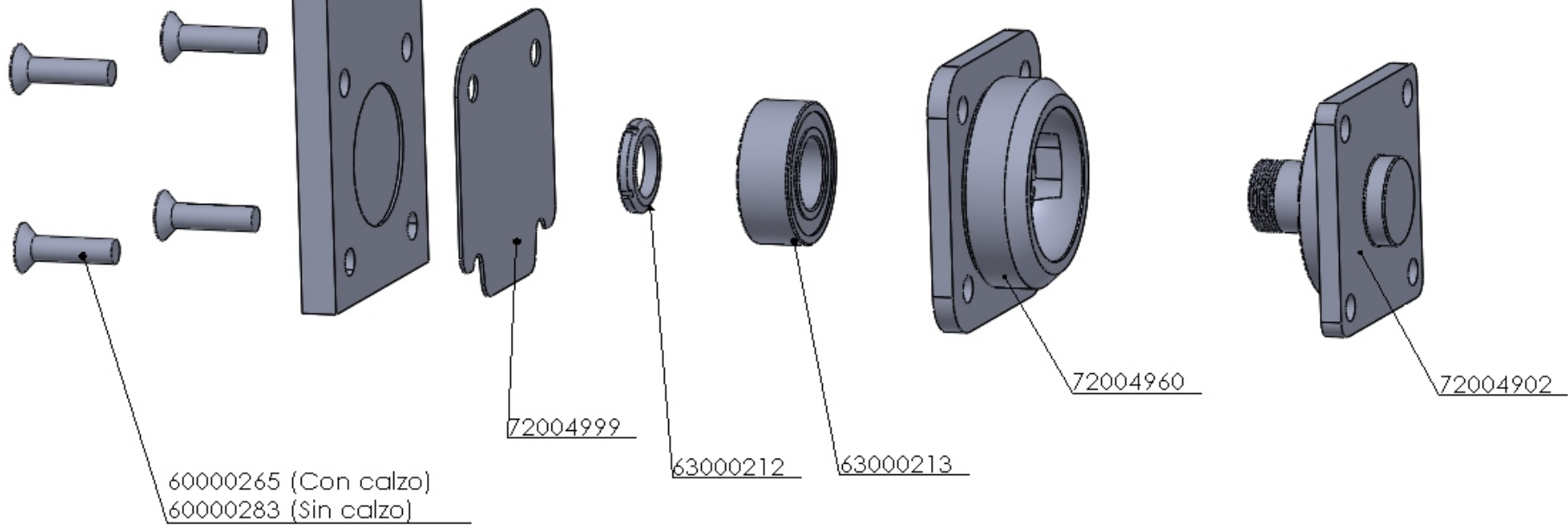
## DOUBLE ROLLER



| REFERENCIA | DESCRIPCIÓN                      |
|------------|----------------------------------|
| 60000222   | TORN.EXAG.DIN-931/933 14* 40 8.8 |
| 60000223   | TUER.AUTO.DIN-980 14 8.8 ZINC.   |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9  |
| 72001925   | RODILLO 8 BARRAS 2,70m/480       |
| 72001926   | RODILLO 8 BARRAS 2,55m/480       |
| 72004902   | EJE RODILLO CIERRE ESFERICO      |
| 72004961   | CONJ.BUJE RFZD.RODILLO (D/14)    |
| 72053925   | SOP.RODILLO DOBLE 2,55m. (D/14)  |
| 72053927   | SOP.RODILLO DOBLE 2,70m. (D/14)  |
| 72101925   | RODILLO 8 MUESCAS 2,70m/380      |
| 72101926   | RODILLO 8 MUESCAS 2,55m/380      |

**BUJE 72004961**

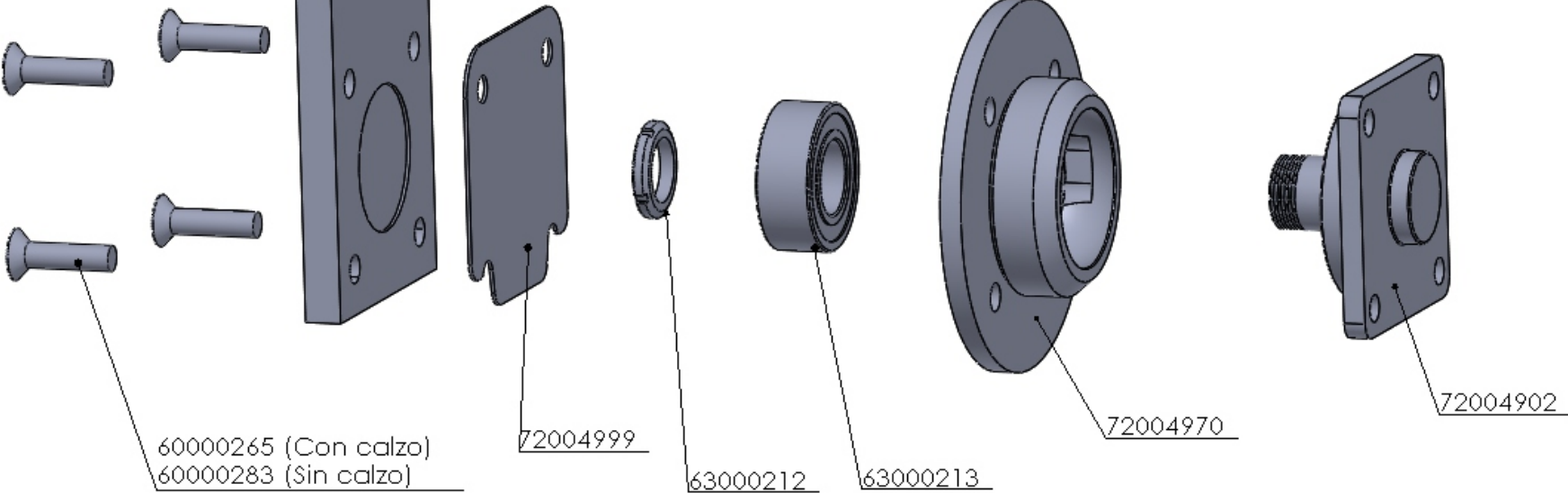
| REFERENCIA | DESCRIPCIÓN                            |
|------------|----------------------------------------|
| 60000265   | TORN.ALLEN DIN-7991 14* 55 10.9        |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9        |
| 63000212   | TUERCA FIJACION KMA 8                  |
| 63000213   | RODAM.ENT-140225-308E BUJE RODILLO MCH |
| 72004902   | EJE RODILLO CIERRE ESFERICO            |
| 72004960   | BUJE C/BRIDA RODILLO (D/14)            |
| 72004999   | CALZO BUJE RODILLO                     |



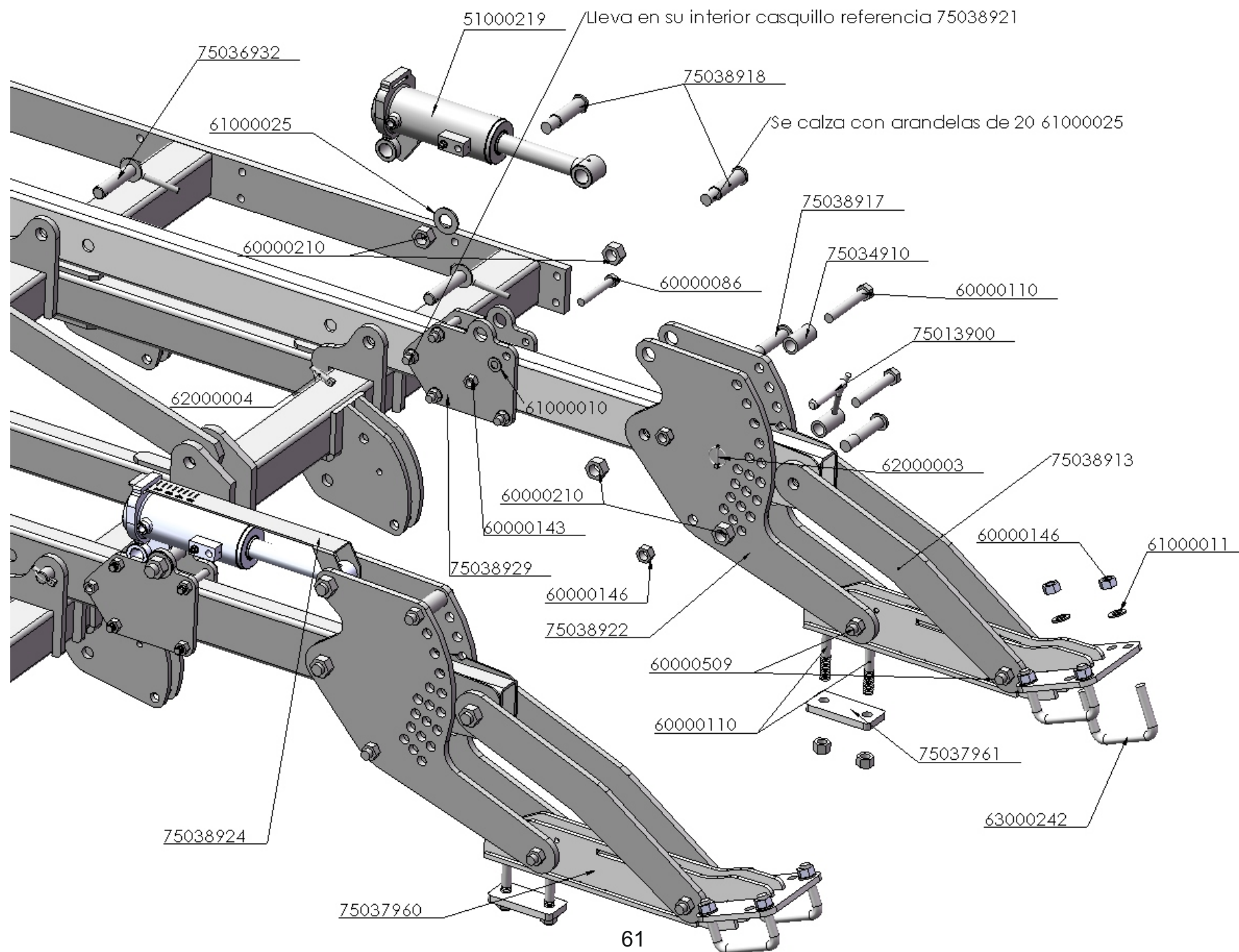


**BUJE 72004971**

| REFERENCIA | DESCRIPCIÓN                            |
|------------|----------------------------------------|
| 60000265   | TORN.ALLEN DIN-7991 14* 55 10.9        |
| 60000283   | TORN.ALLEN DIN-7991 14* 50 10.9        |
| 63000212   | TUERCA FIJACION KMA 8                  |
| 63000213   | RODAM.ENT-140225-308E BUJE RODILLO MCH |
| 72004902   | EJE RODILLO CIERRE ESFERICO            |
| 72004970   | BUJE C/BRIDA RODILLO MCH (D/14)        |
| 72004999   | CALZO BUJE RODILLO                     |



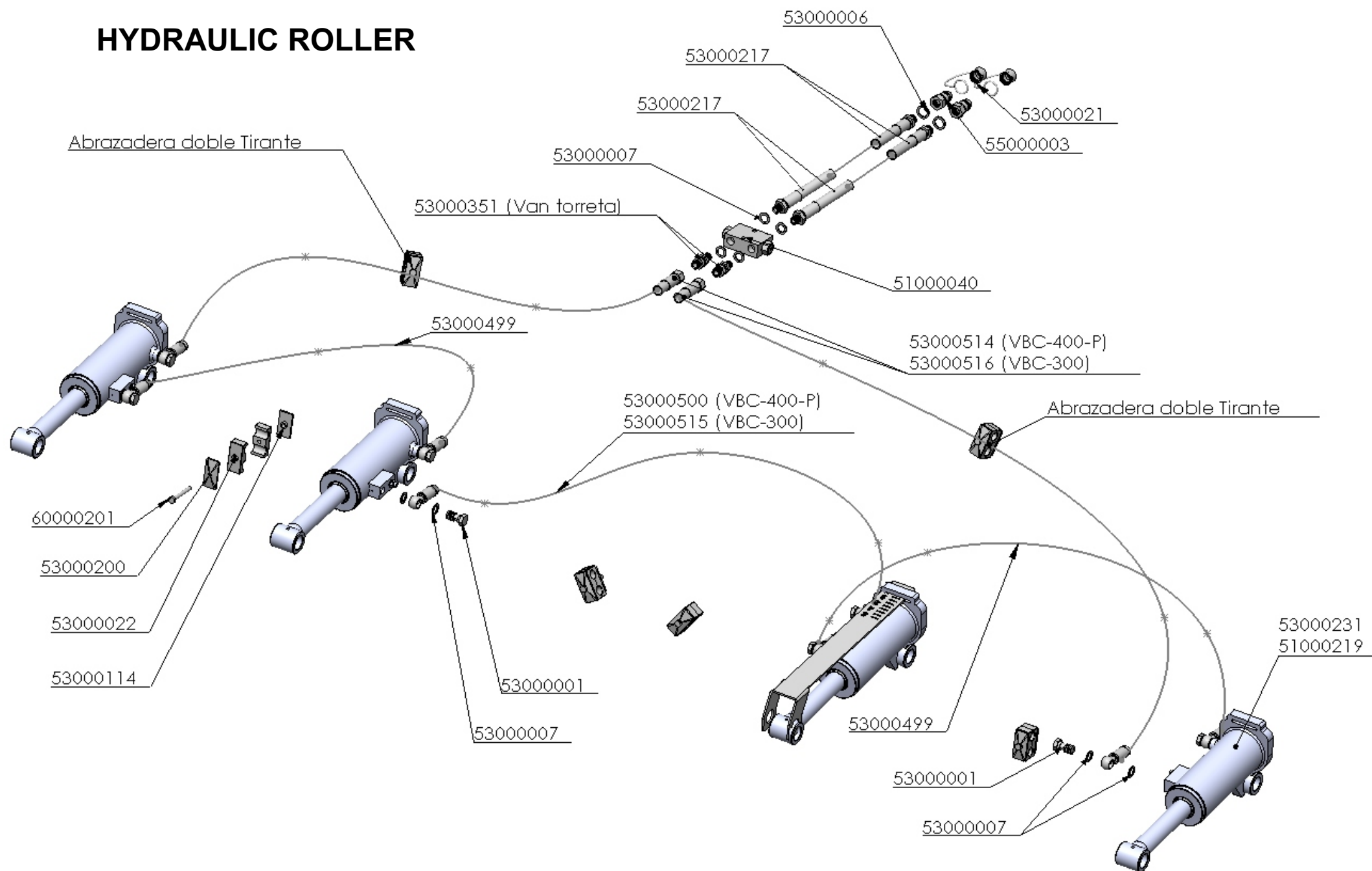
# PARALELOGRAM HYDRAULIC ROLLER



## PARALELOGRAM HYDRAULIC ROLLER

| REFERENCIA | DESCRIPCIÓN                                    | REFERENCIA | DESCRIPCIÓN                                   |
|------------|------------------------------------------------|------------|-----------------------------------------------|
| 51000219   | CILIND.D.E. D.VASTAGO 40-80-100 DCH.CASQ.ESP.  | 75013900   | BULON D=20*118mm.REG.RODILLO ZINC.            |
| 51000231   | CILIND.D.E. D.VASTAGO 40-80-100 IZQD.CASQ.ESP. | 75034910   | SEP.B.P.36/25* 70mm.ZINC.                     |
| 60000086   | TORN.EXAG.DIN-931 16*120 8.8 ZINC.             | 75036932   | BULON D=26,5*125mm.BRAZO VBC                  |
| 60000110   | TORN.EXAG.DIN-931 20*130 8.8 ZINC.             | 75037960   | BRAZO.SOP.RODILLO C/DISCOS VBC (D/14)         |
| 60000143   | TUER.AUTO.DIN-980 16 8.8 ZINC.                 | 75037961   | PLACA AMARRE DISCOS VBC                       |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.                | 75038913   | BIELA BRAZO DISCOS/RODILLO HID.VBC            |
| 60000210   | TUER.AUTO.DIN-985 1" SAE 8.8                   | 75038914   | INDICADOR PROFUNDIDAD VBC/MAXIDISC            |
| 60000509   | TORN.EXAG.DIN-931 20*130 12.9 ZINC.            | 75038917   | BULON D=39/24.5*130mm.ROSC.ROD.HIDR.          |
| 61000010   | ARAND.DIN-125 16 ZINC.                         | 75038918   | BULON D=39/29.5*130mm.ROSC.ROD.HIDR.          |
| 61000011   | ARAND.DIN-125 20 ZINC.                         | 75038921   | CASQ.D=26,5/16.5*59mm.GUIA BRAZO VBC          |
| 61000015   | ARAND.DIN-125-B 30 ZINC.                       | 75038922   | ABANICO BRAZO DISCOS/RODILLO HID.VBC PLEG.    |
| 62000003   | PASADOR ANILLA 6 ZINC.                         | 75038924   | INDICADOR PROFUNDIDAD VBC/MAXIDISC-100        |
| 63000242   | ABARCON RODILLO 122x98 M-20 8.8 ZINC.          | 75038929   | PLACA SOP.CILIND.DISCOS/RODILLO HID.VBC PLEG. |

# HYDRAULIC ROLLER



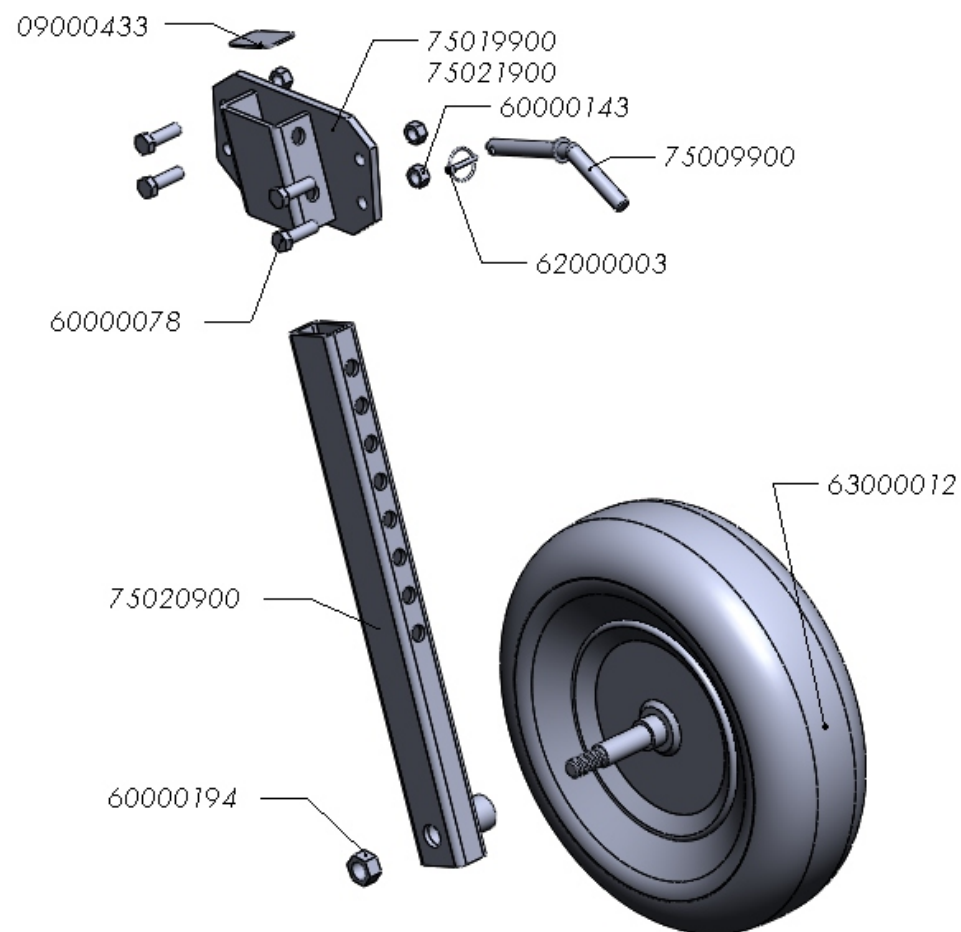
## HYDRAULIC ROLLER

| REFERENCIA | DESCRIPCIÓN                                   |
|------------|-----------------------------------------------|
| 51000040   | VALV.BLOQUEO ZINC.3/8 VBPDE-3/8-A             |
| 51000219   | CILIND.D.E. D.VASTAGO 40-80-100 DCH.CASQ.ESP. |
| 53000001   | TORNILLO SIMPLE 3/8 4022                      |
| 53000006   | JUNTA METAL/GOMA 1/2" 11603                   |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602                   |
| 53000021   | PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR        |
| 53000022   | ABRAZ.DOBLE D=19mm. 1D19PP                    |
| 53000048   | UNION MACHO BSP 3/8-12 GE12-L                 |
| 53000114   | PLACA SOLDAR AB.DOBLE 19 SP3D                 |
| 53000200   | PLACA RFZO.AB.DOBLE 19 GD3D                   |
| 53000217   | LATIG.R2-3/8*1500mm.MF-1/2/MF-3/8             |
| 53000231   | LATIG.R2-3/8* 300mm.OR-3/8/CTL-18             |
| 53000351   | PASATABIQUES 3/8 C/TUERCA                     |
| 53000499   | LATIG.R2-3/8*2000mm.OR/OR-3/8                 |
| 53000500   | LATIG.R2-3/8*2600mm.OR/OR-3/8                 |
| 53000514   | LATIG.R2-3/8*3850mm.OR-3/8/TL-3/8             |
| 53000515   | LATIG.R2-3/8*2900mm.OR/OR-3/8                 |
| 53000516   | LATIG.R2-3/8*3400mm.OR-3/8/TL-3/8             |
| 55000003   | ADAPTADOR E.R.FASTER 1/2" 30410108            |
| 60000201   | TORN.EXAG.DIN-931 8* 45 8.8 ZINC.             |

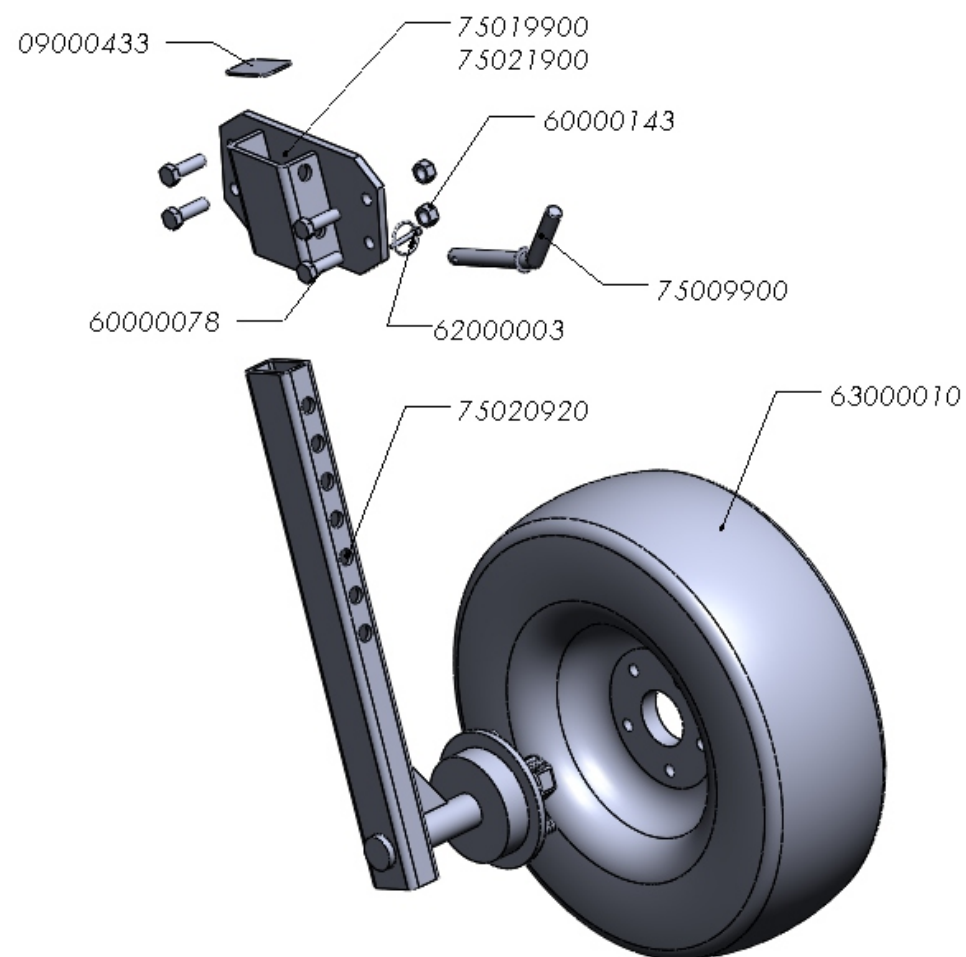


## SIDE WHEELS

### PAREJA RUEDAS NEUMÁTICAS 6.00\*9"



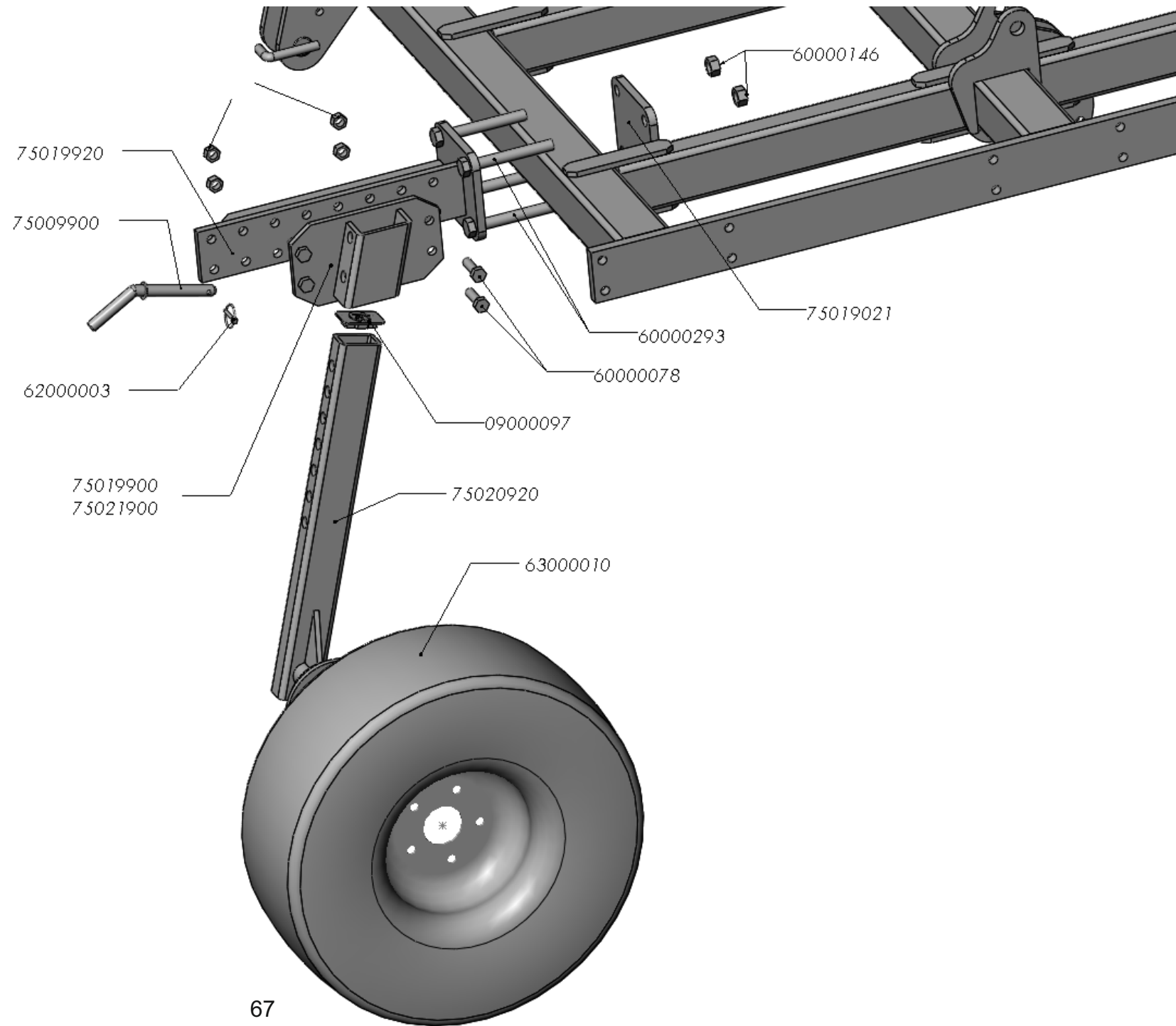
### PAREJA RUEDAS NEUMATICAS CH 200\*14.5"



## SIDE WHEELS

| REFERENCIA | DESCRIPCIÓN                             |
|------------|-----------------------------------------|
| 9000433    | TAPON GOMA 80* 50* 8mm.                 |
| 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.      |
| 60000143   | TUER.AUTO.DIN-980 16 8.8 ZINC.          |
| 60000194   | TUER.AUTO.DIN-985 24/200 8.8            |
| 62000003   | PASADOR ANILLA 6 ZINC.                  |
| 63000010   | R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029 |
| 63000012   | R.N.C/EJE 6.00*9"-10PR V50 RAL-6029     |
| 75009900   | BULON D=20*255mm.REG.RDA.CH ZINC.       |
| 75019900   | SOP.RDA.CHISEL DCH.                     |
| 75020900   | BRAZO RDA.CHISEL                        |
| 75020920   | BRAZO RDA.NEUM.(608*205) CHISEL         |
| 75021900   | SOP.RDA.CHISEL IZQD.                    |

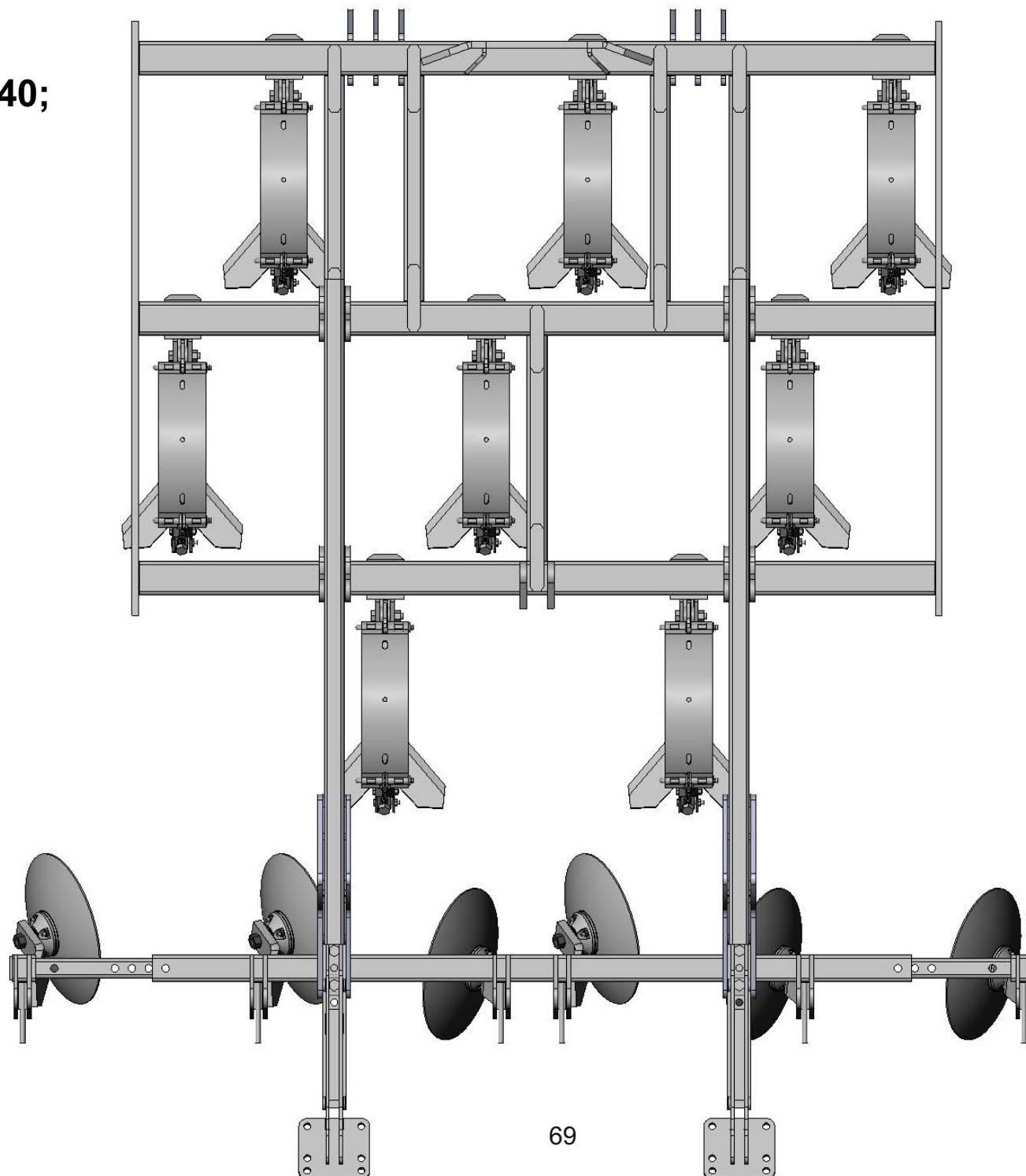
## FRONT WHEELS



## FRONT WHEEL

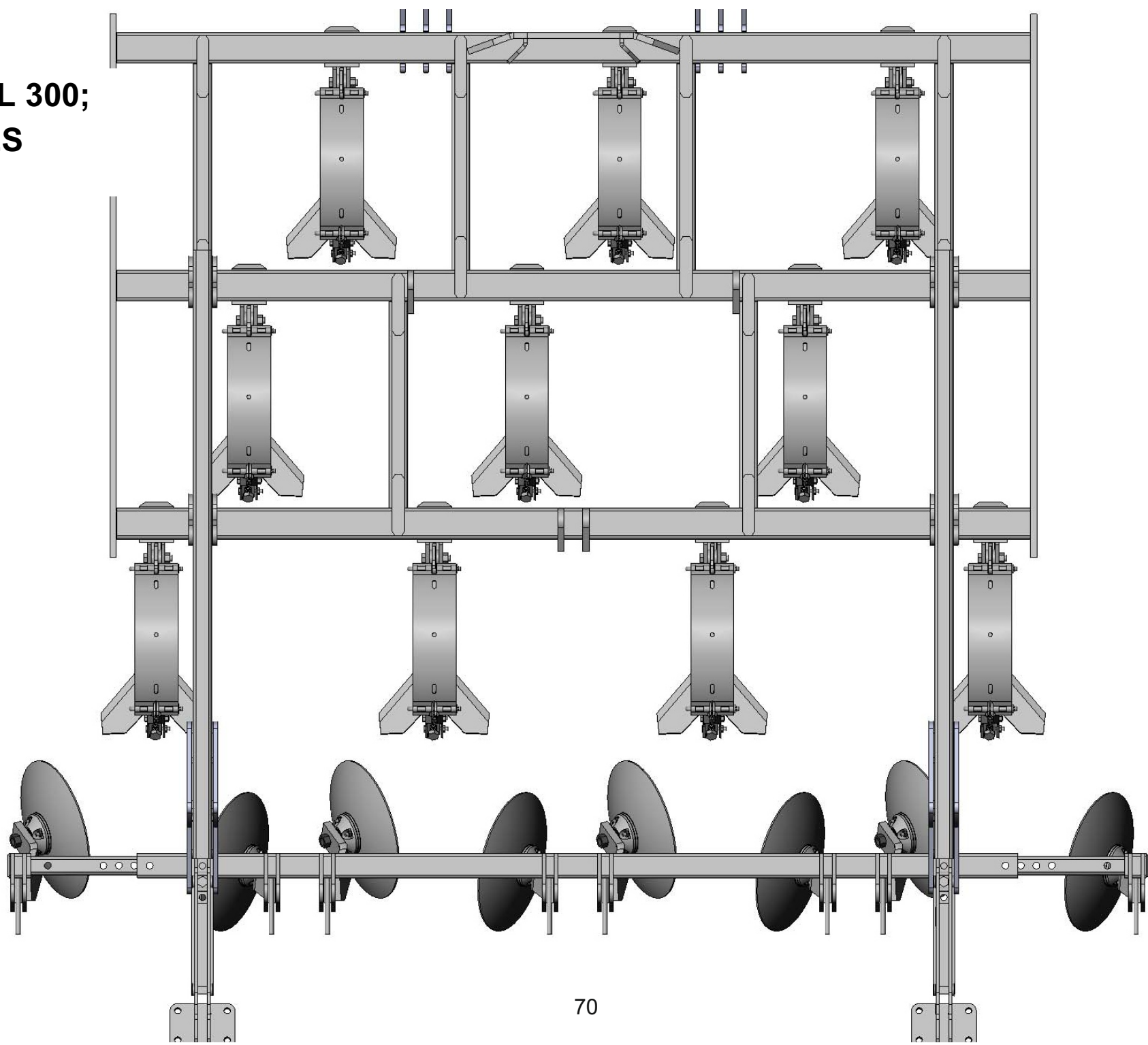
| REFERENCIA | DESCRIPCIÓN                             |
|------------|-----------------------------------------|
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.         |
| 75019021   | PLACA SOP.RDA.DELANTERA CH.             |
| 75019920   | SOP.RDA.DELANTERA CH.                   |
| 60000293   | TORN.EXAG.DIN-931 20*160 8.8 ZINC.      |
| 62000003   | PASADOR ANILLA 6 ZINC.                  |
| 60000143   | TUER.AUTO.DIN-980 16 8.8 ZINC.          |
| 75009900   | BULON D=20*255mm.REG.RDA.CH ZINC.       |
| 75019900   | SOP.RDA.CHISEL DCH.                     |
| 75020920   | BRAZO RDA.NEUM.(608*205) CHISEL         |
| 75021900   | SOP.RDA.CHISEL IZQD.                    |
| 60000078   | TORN.EXAG.DIN-933 16* 50 8.8 ZINC.      |
| 63000010   | R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029 |
| 90000097   | TAPON GOMA 80* 50* 6mm.                 |

**VERSATILL 240;  
8 BODIES**

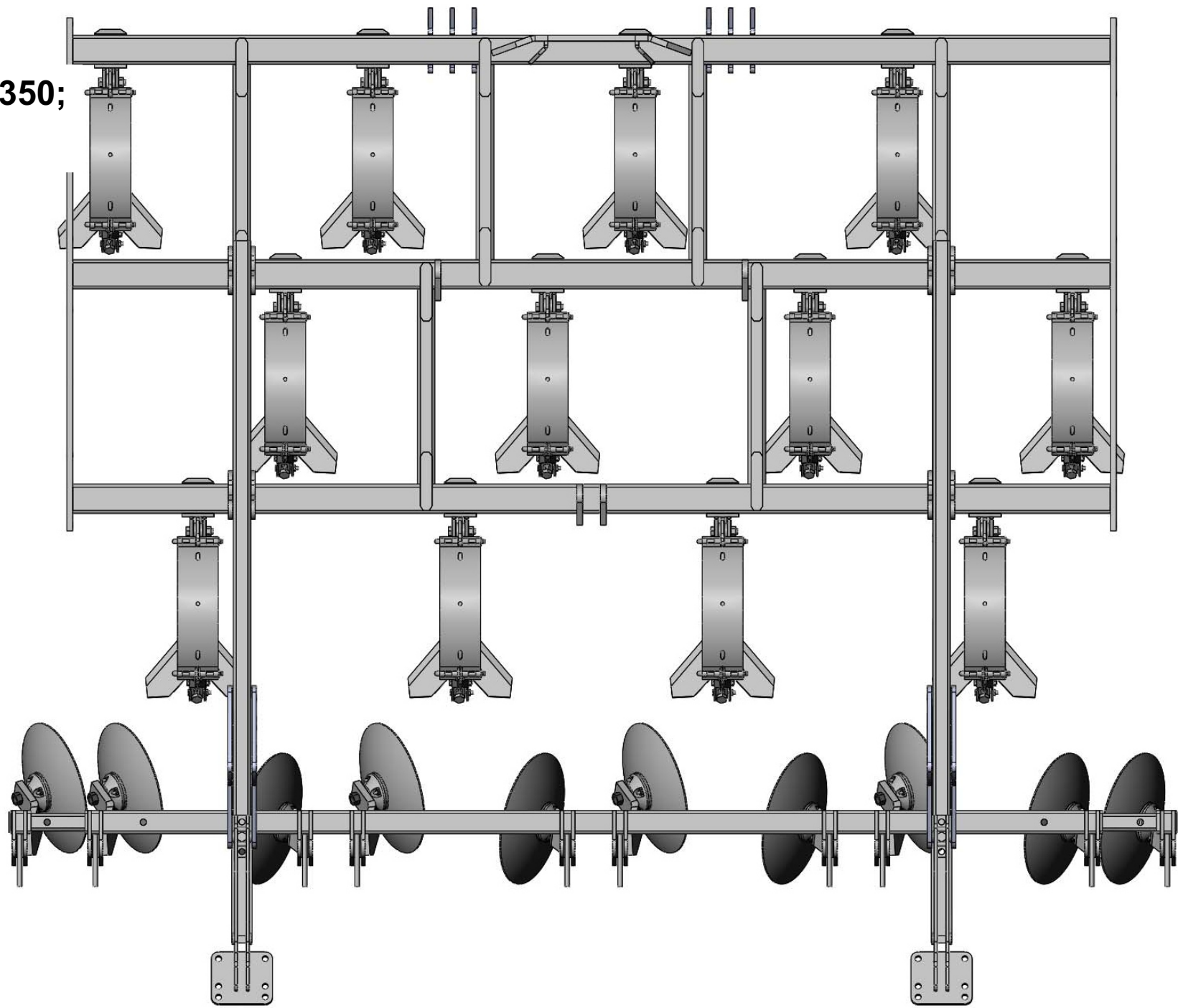




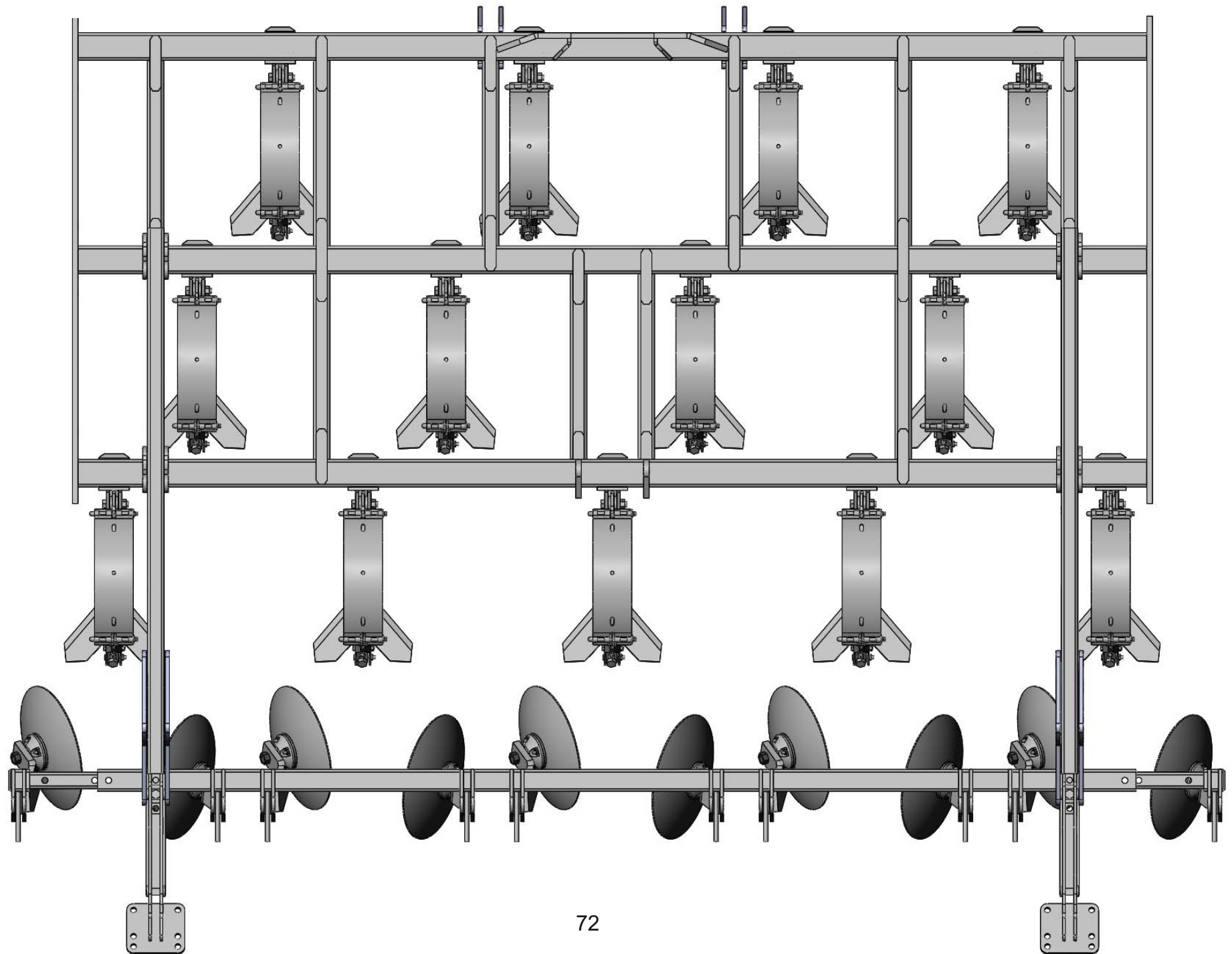
**VERSATILL 300;  
10 BODIES**



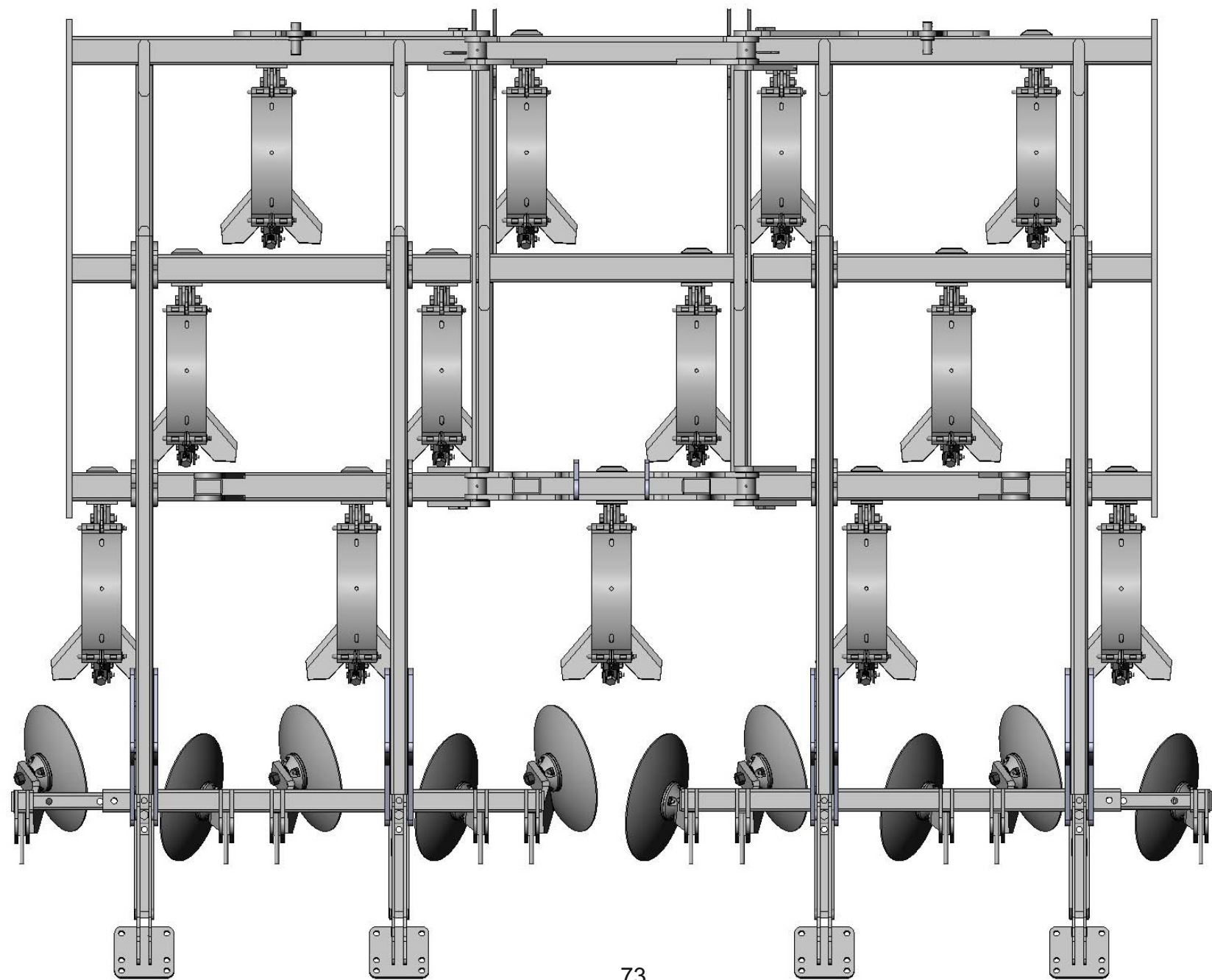
**VERSATILL 350;  
12 BODIES**



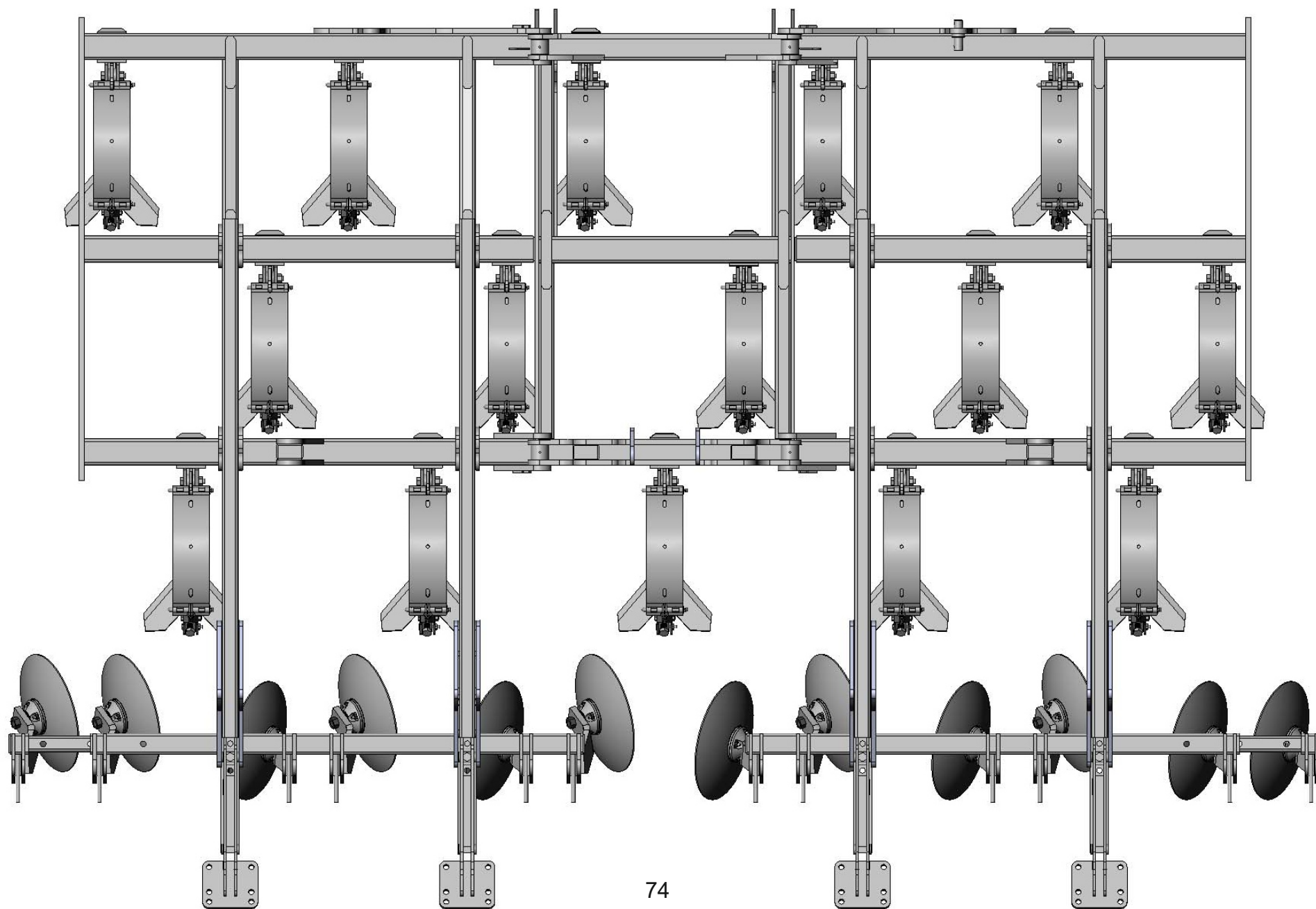
## VERSATILL 400; 13 BODIES



**VERSATILL 400-P; 13 BODIES**

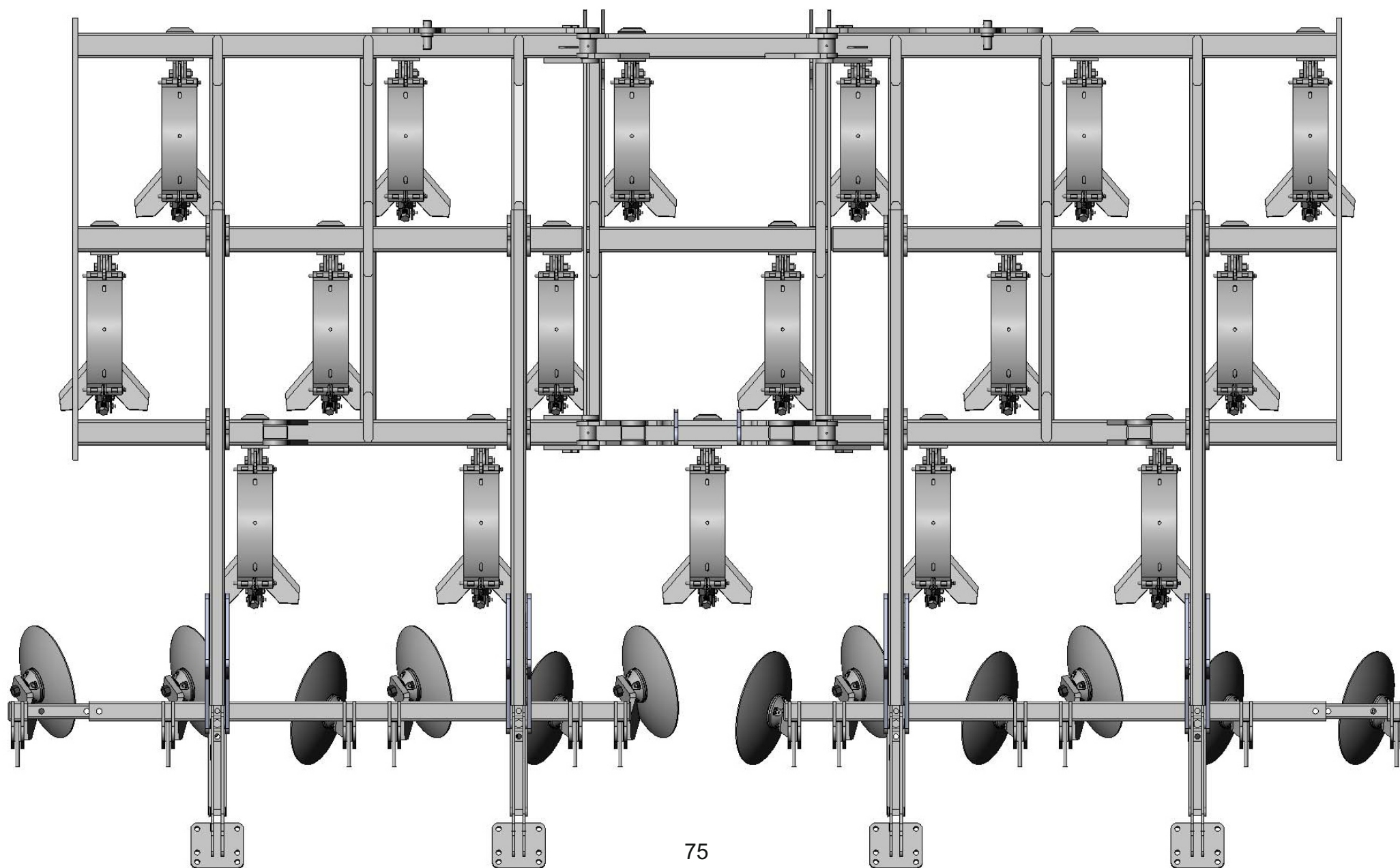


## VERSATILL 450-P; 15 BODIES

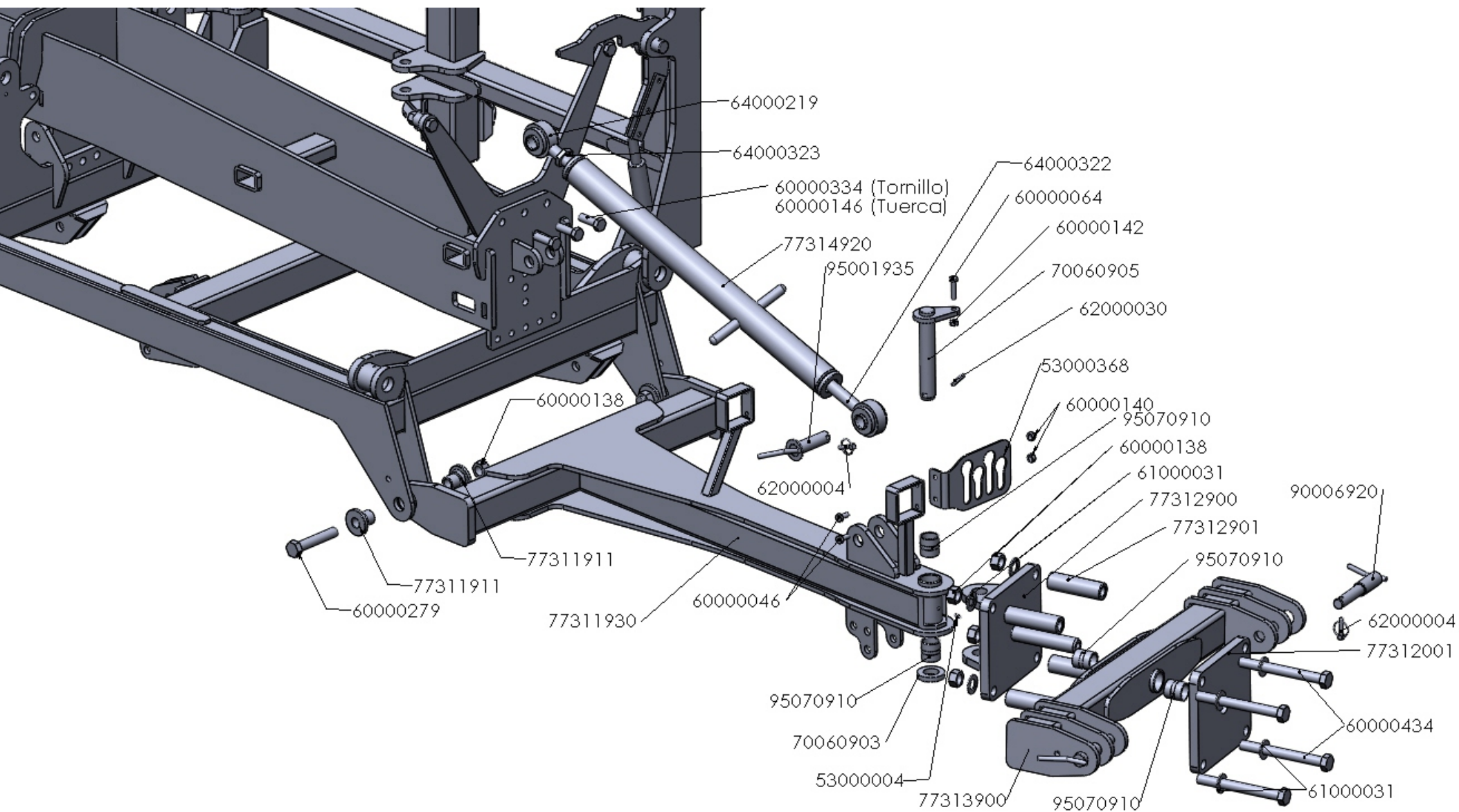




## VERSATILL 510-P; 17 BODIES



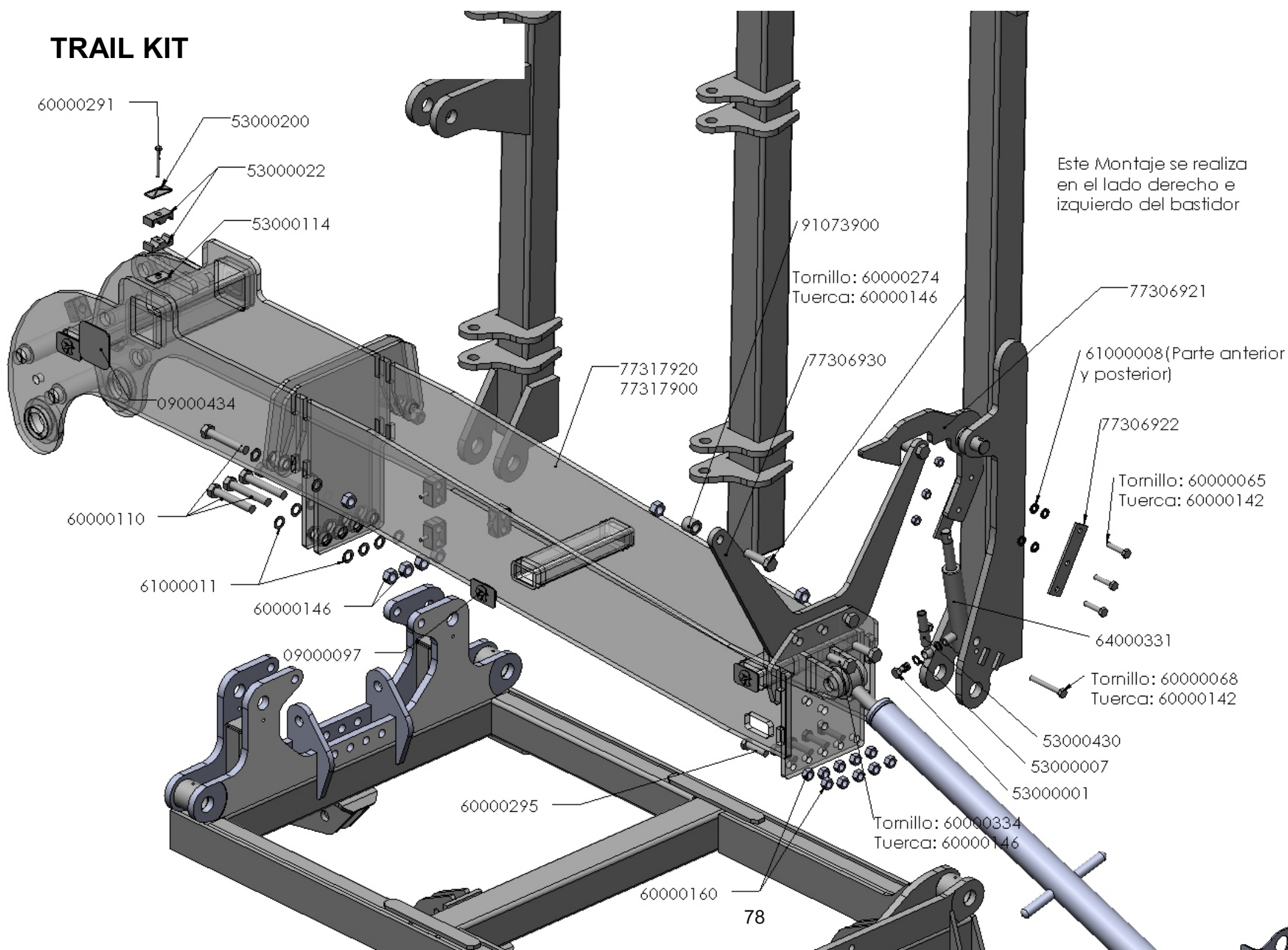
# TRAIL KIT



## TRAIL KIT

| REFERENCIA | DESCRIPCIÓN                                   | REFERENCIA | DESCRIPCIÓN                                    |
|------------|-----------------------------------------------|------------|------------------------------------------------|
| 53000004   | ENGRASADOR AC° DIN-71412 8*125                | 64000219   | BRAZO IZQD.C/ROT.32mm 30354                    |
| 53000368   | SOPORTE LATIG.TORRETA 4 HUECOS ZINC.          | 64000322   | BRAZO DCH.C/ROT.32mm 30353                     |
| 60000046   | TORN.EXAG.DIN-933 10* 25 8.8 ZINC.            | 64000323   | CONTRATUERCA M-39                              |
| 60000064   | TORN.EXAG.DIN-931 12* 50 10.9 ZINC.           | 70060903   | ARAND.P/BULON PLEG.CH/MCH/DISC                 |
| 60000110   | TORN.EXAG.DIN-931 20*130 8.8 ZINC.            | 70060905   | BULON D=40*244mm.ARRASTRE MAXIDISC             |
| 60000138   | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.            | 77311911   | CASQ.D=70/50/37/26*52mm.LANZA VBC              |
| 60000140   | TUER.AUTO.DIN-980 10 8.8 ZINC.                | 77311930   | LANZA TIRO VBC                                 |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.                | 77312001   | PLACA ROTULA MAXIDISC                          |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.               | 77312900   | ROTULA MAXIDISC                                |
| 60000279   | TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC.         | 77312901   | CASQ.D=45/26*150mm.ROTULA MAXIDISC             |
| 60000334   | TORN.EXAG.DIN-931 20* 60 8.8 ZINC.            | 77313900   | BALANC.MAXIDISC                                |
| 60000434   | TORN.EXAG.C/LAR.1"*240 SAE 12.9 (CAÑA D=24,5) | 77314920   | CUERPO TENSOR VBC                              |
| 61000031   | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)    | 90006920   | BULON D=36/28*205mm.ENG.MAXIDISC/VBC/MCH-PV    |
| 62000004   | PASADOR ANILLA 10 ZINC.                       | 95001935   | BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02) |
| 62000030   | PASADOR ELAST.DIN-1481 10* 80 ZINC.           | 95070910   | CASQ.D= 48/40*50mm.CEM.ARTIC.KIT ARRASTRE      |

# TRAIL KIT



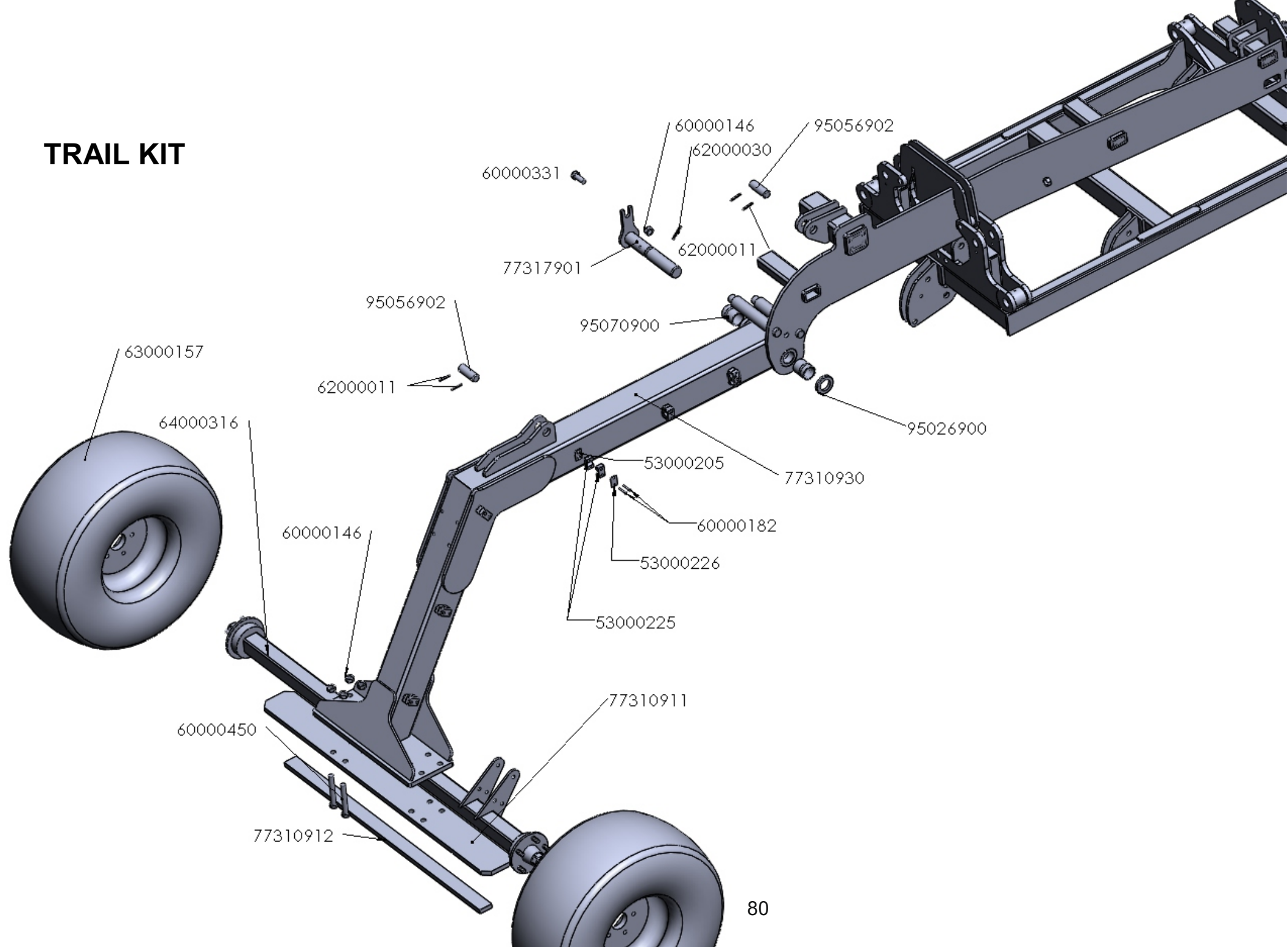


## TRAIL KIT

| REFERENCIA | DESCRIPCIÓN                         | REFERENCIA | DESCRIPCIÓN                                |
|------------|-------------------------------------|------------|--------------------------------------------|
| 9000097    | TAPON GOMA 80*50*6 mm.              | 60000160   | TUER.EXAG.DIN-934 16 8.8 ZINC.             |
| 9000434    | TAPON GOMA 100*100*10 mm.           | 60000274   | TORN.EXAG.DIN-931 20* 70 8.8 ZINC.         |
| 53000001   | TORNILLO SIMPLE 3/8 4022            | 60000291   | TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.      |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602         | 60000295   | TORN.EXAG.DIN-931 16* 60 12.9              |
| 53000022   | ABRAZ.DOBLE D=19mm. 1D19PP          | 60000334   | TORN.EXAG.DIN-931 20* 60 8.8 ZINC.         |
| 53000114   | PLACA SOLDAR AB.DOBLE 19 SP3D       | 61000008   | ARAND.DIN-125 12 ZINC.                     |
| 53000200   | PLACA RFZO.AB.DOBLE 19 GD3D         | 61000011   | ARAND.DIN-125 20 ZINC.                     |
| 53000430   | LATIG.R2-1/4* 700mm.OR-3/8/TL-18    | 64000331   | CILIND.FRENO 25/50/100                     |
| 60000065   | TORN.EXAG.DIN-931 12* 55 10.9 ZINC. | 77306921   | CONJ.GANCHO TRANQUE BAST.MAXIDISC (D/12)   |
| 60000068   | TORN.EXAG.DIN-931 12*100 8.8 ZINC.  | 77306922   | LLANTA GANCHO TRANQUE BAST.MAXIDISC (D/12) |
| 60000110   | TORN.EXAG.DIN-931 20*130 8.8 ZINC.  | 77306930   | PLACA FIJA TRANQUE AUTOMATICO              |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.      | 77317900   | SOP.ARRASTRE VBC                           |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.     | 77317920   | SOP.ARRASTRE VBC C/ROD.DOBLE               |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.     | 91073900   | CASQ.D= 35/21*31mm.SEP.PORTAC.SM/SF        |



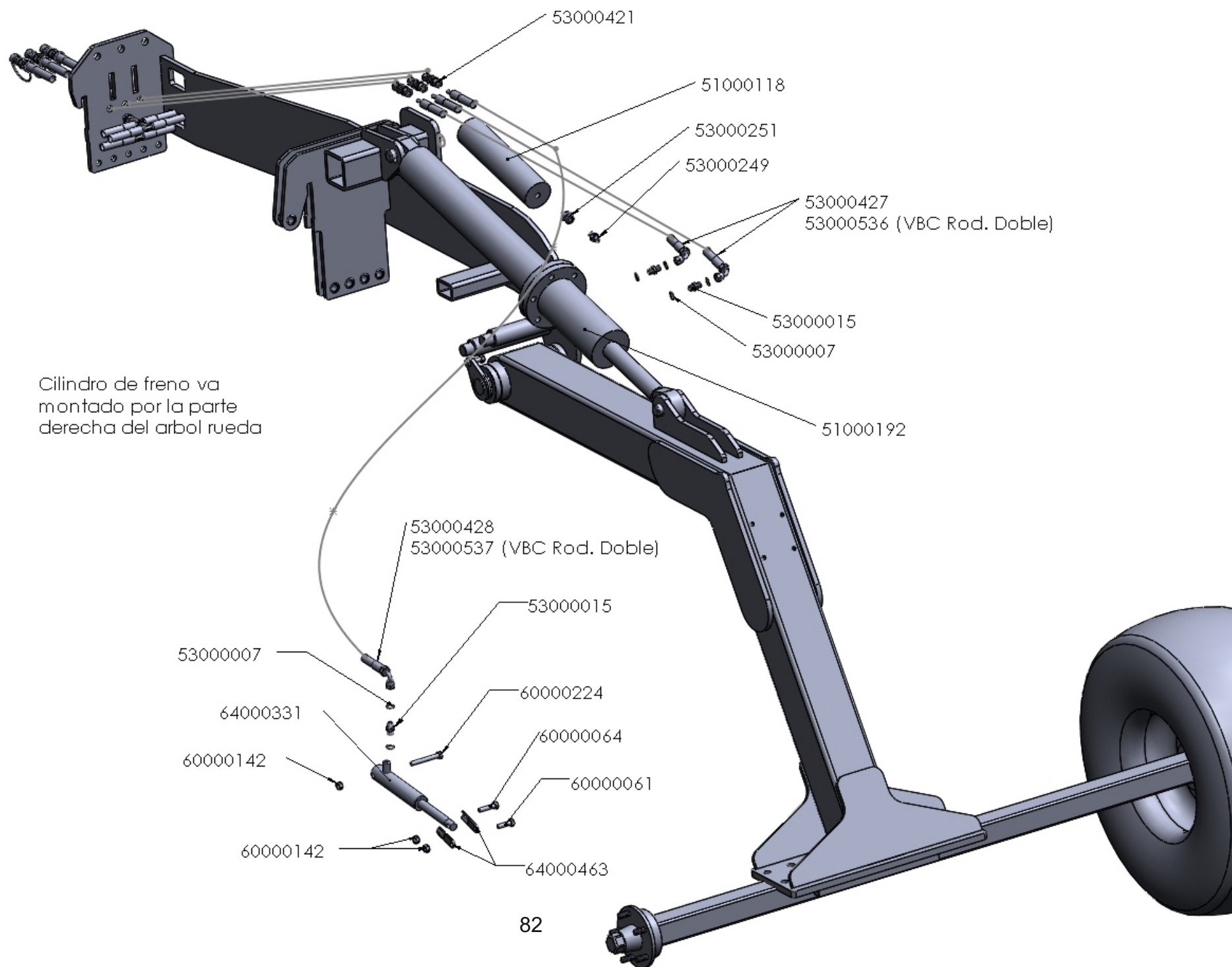
## TRAIL KIT



## TRAIL KIT

| REFERENCIA | DESCRIPCIÓN                                    |
|------------|------------------------------------------------|
| 53000205   | PLACA SOLDAR AB.SIMPLE 15/18 SP2               |
| 53000225   | ABRAZ.SIMPLE D=15mm. 115PP                     |
| 53000226   | PLACA RFZO.AB.SIMPLE 15 DP2                    |
| 60000146   | TUER.AUTO.DIN-980 20 10.9 ZINC.                |
| 60000182   | TORN.EXAG.DIN-931 6* 35 8.8 ZINC.              |
| 60000331   | TORN.EXAG.DIN-933 20* 50 8.8 ZINC.             |
| 60000450   | TORN.EXAG.DIN-931 20*140 8.8 ZINC.             |
| 62000011   | PASADOR ELAST.DIN-1481 8* 50 ZINC.             |
| 62000030   | PASADOR ELAST.DIN-1481 10* 80 ZINC.            |
| 63000157   | R.N.C/ATAQUE 400/60*15,5"TL-14PR FLOTATION     |
| 64000316   | EJE RECTO C/F-70-65-300-60-16018-2100BL        |
| 77310008   | OREJA FRENO KIT ARRASTRE MAXIDISC              |
| 77310911   | LLANTA FIJACION EJE RDA.MAXIDISC (D/11)        |
| 77310912   | LLANTA RFZO. EJE RDA.MAXIDISC (D/11)           |
| 77310930   | ARBOL RDA.VBC                                  |
| 77317901   | BULON D=50*342mm.ARRASTRE VBC                  |
| 77317900   | SOP.ARRASTRE VBC                               |
| 95026900   | ARAND.P/BULON GIRO BASTIDOR                    |
| 95056902   | BULON D=34,8*100mm.CILIND.VOLTEO SS + DACROMET |
| 95070900   | CASQ.D= 60/50*70mm.CEM.ARTIC.SS/GIRO BAST.     |

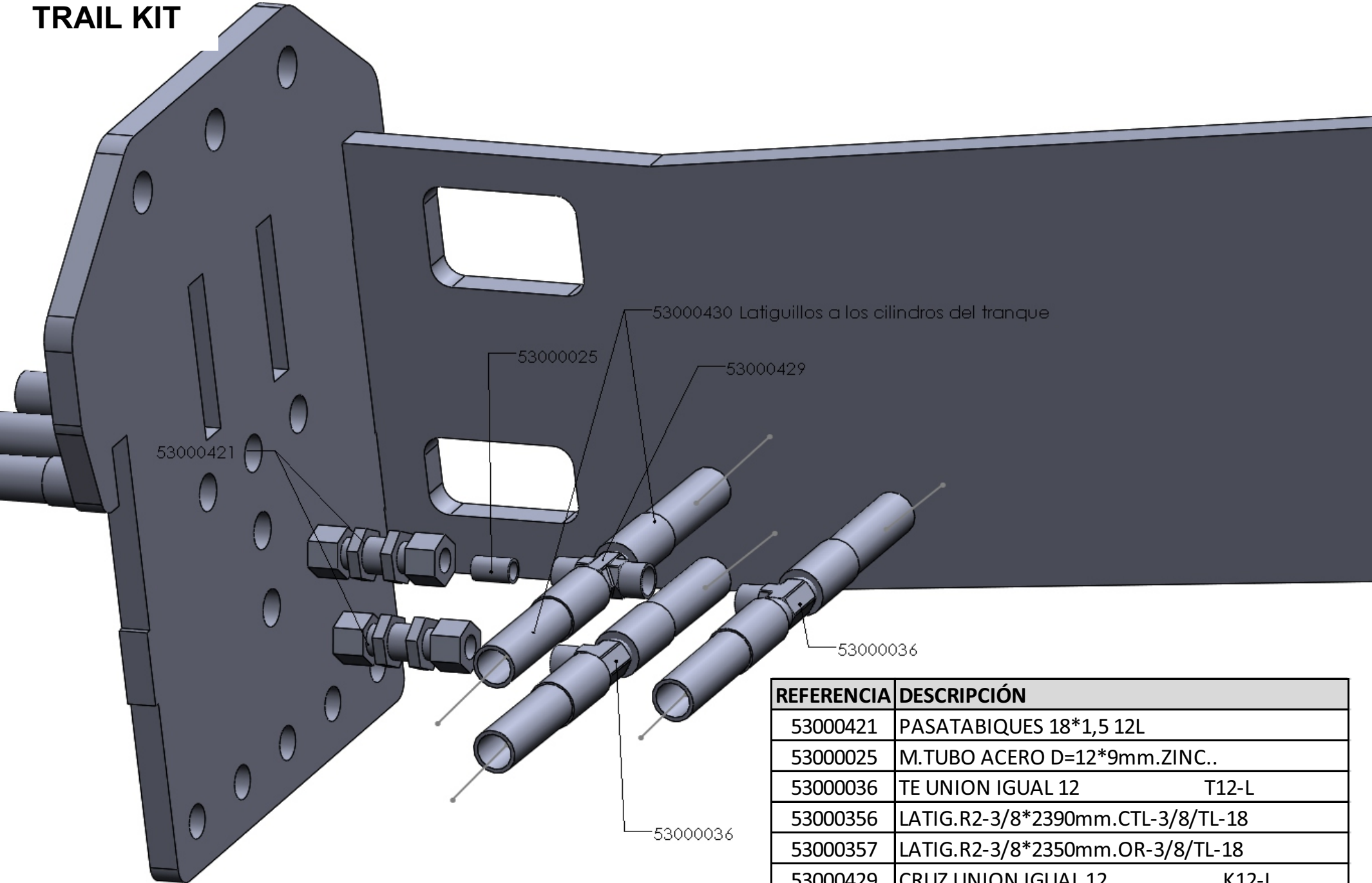
# TRAIL KIT



## TRAIL KIT

| REFERENCIA | DESCRIPCIÓN                             |
|------------|-----------------------------------------|
| 51000118   | ACUMULADOR PISTON PO10A34N1-AC RAL-6029 |
| 51000192   | CILIND.ELEV.RDAS.50/110/210 VBC         |
| 53000007   | JUNTA METAL/GOMA 3/8" 11602             |
| 53000015   | UNION MACHO 3/8 4062                    |
| 53000249   | UNION MACHO 1/2 4063                    |
| 53000251   | UNION MACHO-TL 1/2 4313                 |
| 53000421   | PASATABIQUES 18*1,5 12L                 |
| 53000427   | LATIG.R2-3/8*3200mm.TL-18/CTL-3/8       |
| 53000428   | LATIG.R2-1/4*5500mm.TL-18/CTL-3/8       |
| 53000536   | LATIG.R2-3/8*3500mm.TL-18/CTL-3/8       |
| 53000537   | LATIG.R2-1/4*5800mm.TL-18/CTL-3/8       |
| 60000061   | TORN.EXAG.DIN-933 12* 40 8.8 ZINC.      |
| 60000064   | TORN.EXAG.DIN-931 12* 50 10.9 ZINC.     |
| 60000142   | TUER.AUTO.DIN-980 12 8.8 ZINC.          |
| 64000331   | CILIND.FRENO 25/50/100                  |
| 64000463   | HORQUILLA CILINDRO FRENO CHF-12         |

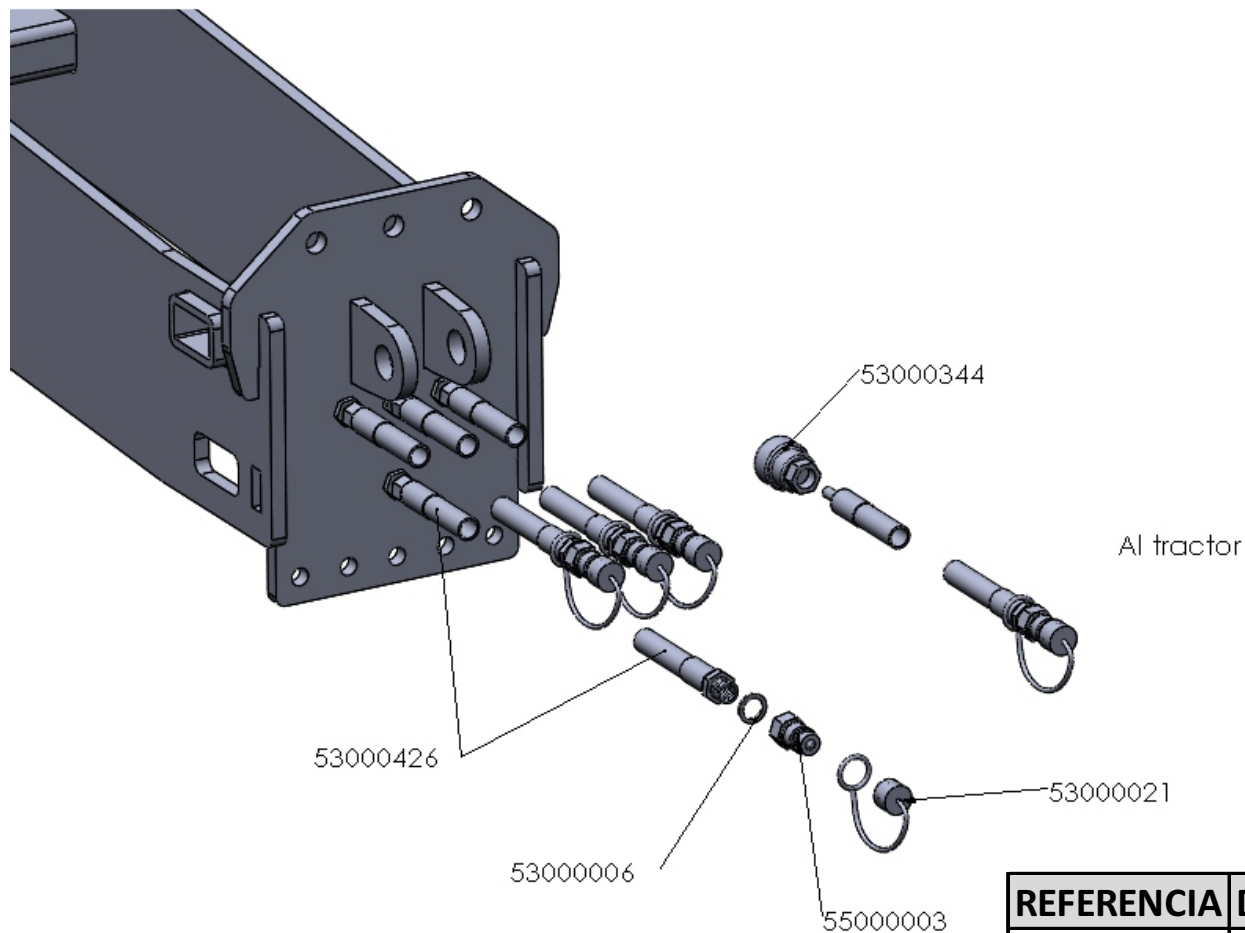
TRAIL KIT



| REFERENCIA | DESCRIPCIÓN                       |
|------------|-----------------------------------|
| 53000421   | PASATABIQUES 18*1,5 12L           |
| 53000025   | M.TUBO ACERO D=12*9mm.ZINC..      |
| 53000036   | TE UNION IGUAL 12 T12-L           |
| 53000356   | LATIG.R2-3/8*2390mm.CTL-3/8/TL-18 |
| 53000357   | LATIG.R2-3/8*2350mm.OR-3/8/TL-18  |
| 53000429   | CRUZ UNION IGUAL 12 K12-L         |
| 53000430   | LATIG.R2-1/4* 700mm.OR-3/8/TL-18  |

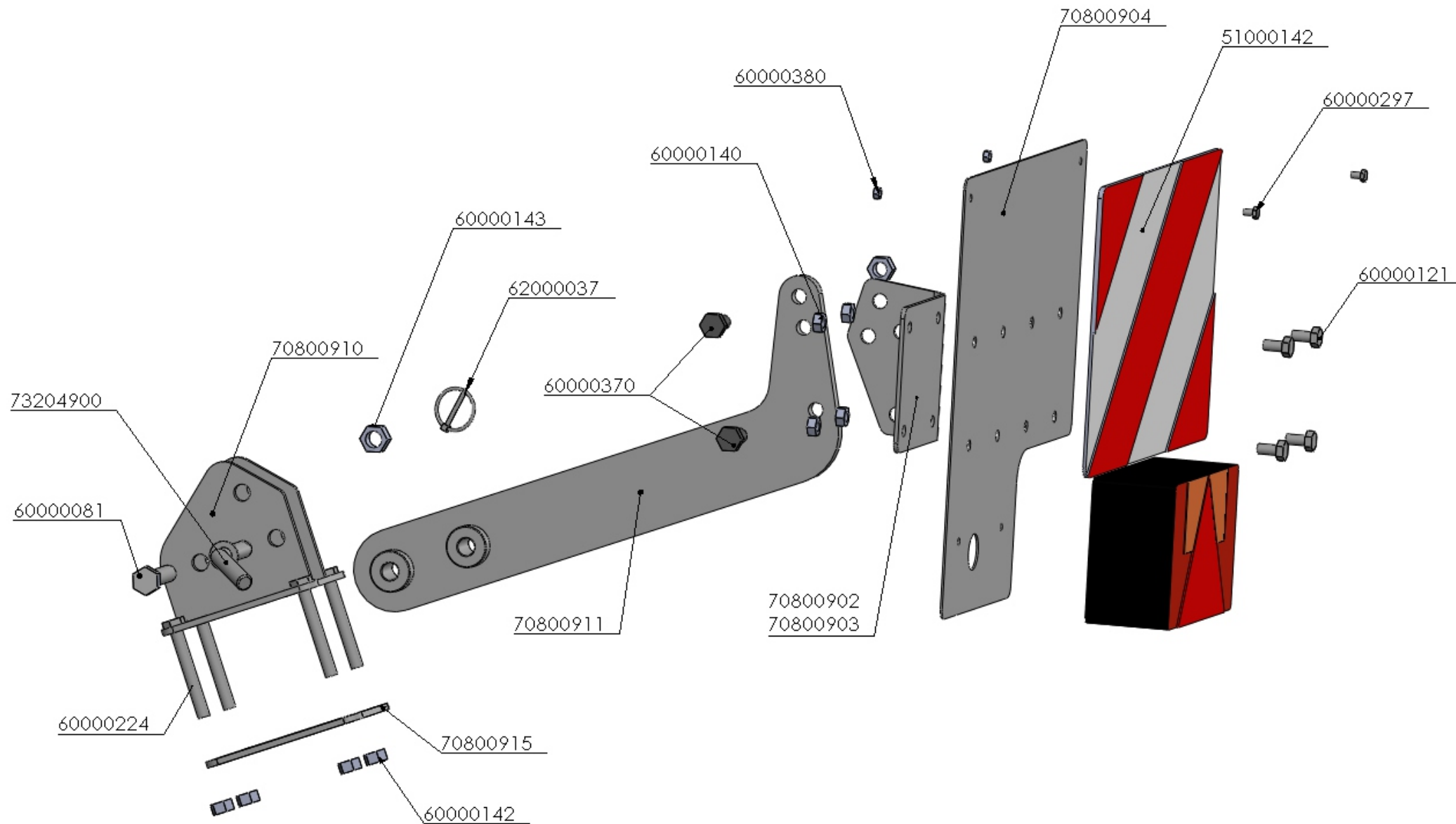


## TRAIL KIT



| REFERENCIA | DESCRIPCIÓN                            |
|------------|----------------------------------------|
| 53000006   | JUNTA METAL/GOMA 1/2" 11603            |
| 53000021   | PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR |
| 53000344   | CUERPO E.R. FRENO 1/2 BSPH 3011103     |
| 53000426   | LATIG.R2-3/8*3200mm.MF-1/2/TL-18       |
| 55000003   | ADAPTADOR E.R.FASTER 1/2" 30410108     |

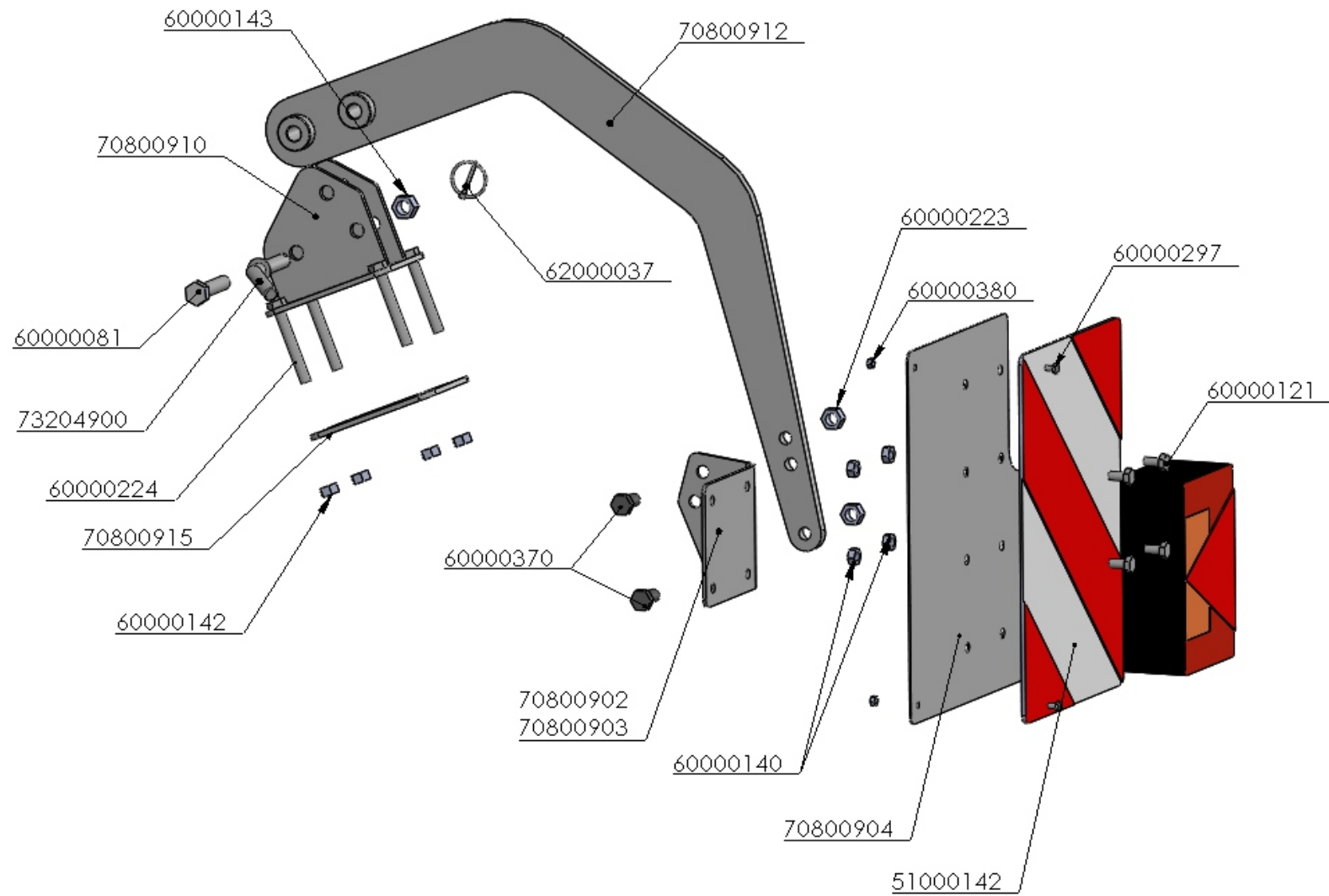
# SIGNALING FIXED KIT



## SIGNALING FIXED KIT

| REFERENCIAS | DESCRIPCIÓN                           |
|-------------|---------------------------------------|
| 51000142    | PAREJA PANEL PLACA 423x282 239909     |
| 60000081    | TORN.EXAG.DIN-931 16* 70 8.8 ZINC.    |
| 60000121    | TORN.EXAG.DIN-933 10* 20 8.8 ZINC.    |
| 60000140    | TUER.AUTO.DIN-980 10 8.8 ZINC.        |
| 60000142    | TUER.AUTO.DIN-980 12 8.8 ZINC.        |
| 60000143    | TUER.AUTO.DIN-980 16 8.8 ZINC.        |
| 60000223    | TUER.AUTO.DIN-980 14 8.8 ZINC.        |
| 60000297    | TORN.EXAG.DIN-931 6* 10 8.8 ZINC.     |
| 60000370    | TORN.EXAG.DIN-933 14* 35 8.8 ZINC.    |
| 60000380    | TUER.AUTO.DIN-985 6 8.8 ZINC.         |
| 62000037    | PASADOR ANILLA 4,5 ZINC.              |
| 70800902    | PLACA SOP.IZQDA.SEÑALIZACION MULTIPLE |
| 70800903    | PLACA SOP.DCHA.SEÑALIZACION MULTIPLE  |
| 70800904    | PLACA SEÑALIZACION MULTIPLE           |
| 70800910    | SOP.SEÑAL.VBC/MAXIDISC                |
| 70800911    | BRAZO SEÑAL.VBC/MAXIDISC FIJA         |
| 70800915    | PLACA AMARRE.SOP.SEÑAL.VBC/MAXIDISC   |
| 73204900    | BULON D=16*150mm.REG.RDA.DOBLE        |

## SIGNALING FOLDING KIT



## SIGNALING FOLDING KIT

| REFERENCIAS | DESCRIPCIÓN                           |
|-------------|---------------------------------------|
| 51000142    | PAREJA PANEL PLACA 423x282 239909     |
| 60000081    | TORN.EXAG.DIN-931 16* 70 8.8 ZINC.    |
| 60000121    | TORN.EXAG.DIN-933 10* 20 8.8 ZINC.    |
| 60000140    | TUER.AUTO.DIN-980 10 8.8 ZINC.        |
| 60000142    | TUER.AUTO.DIN-980 12 8.8 ZINC.        |
| 60000143    | TUER.AUTO.DIN-980 16 8.8 ZINC.        |
| 60000223    | TUER.AUTO.DIN-980 14 8.8 ZINC.        |
| 60000297    | TORN.EXAG.DIN-931 6* 10 8.8 ZINC.     |
| 60000370    | TORN.EXAG.DIN-933 14* 35 8.8 ZINC.    |
| 60000380    | TUER.AUTO.DIN-985 6 8.8 ZINC.         |
| 62000037    | PASADOR ANILLA 4,5 ZINC.              |
| 70800902    | PLACA SOP.IZQDA.SEÑALIZACION MULTIPLE |
| 70800903    | PLACA SOP.DCHA.SEÑALIZACION MULTIPLE  |
| 70800904    | PLACA SEÑALIZACION MULTIPLE           |
| 70800910    | SOP.SEÑAL.VBC/MAXIDISC                |
| 70800911    | BRAZO SEÑAL.VBC/MAXIDISC FIJA         |
| 70800915    | PLACA AMARRE.SOP.SEÑAL.VBC/MAXIDISC   |
| 73204900    | BULON D=16*150mm.REG.RDA.DOBLE        |





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