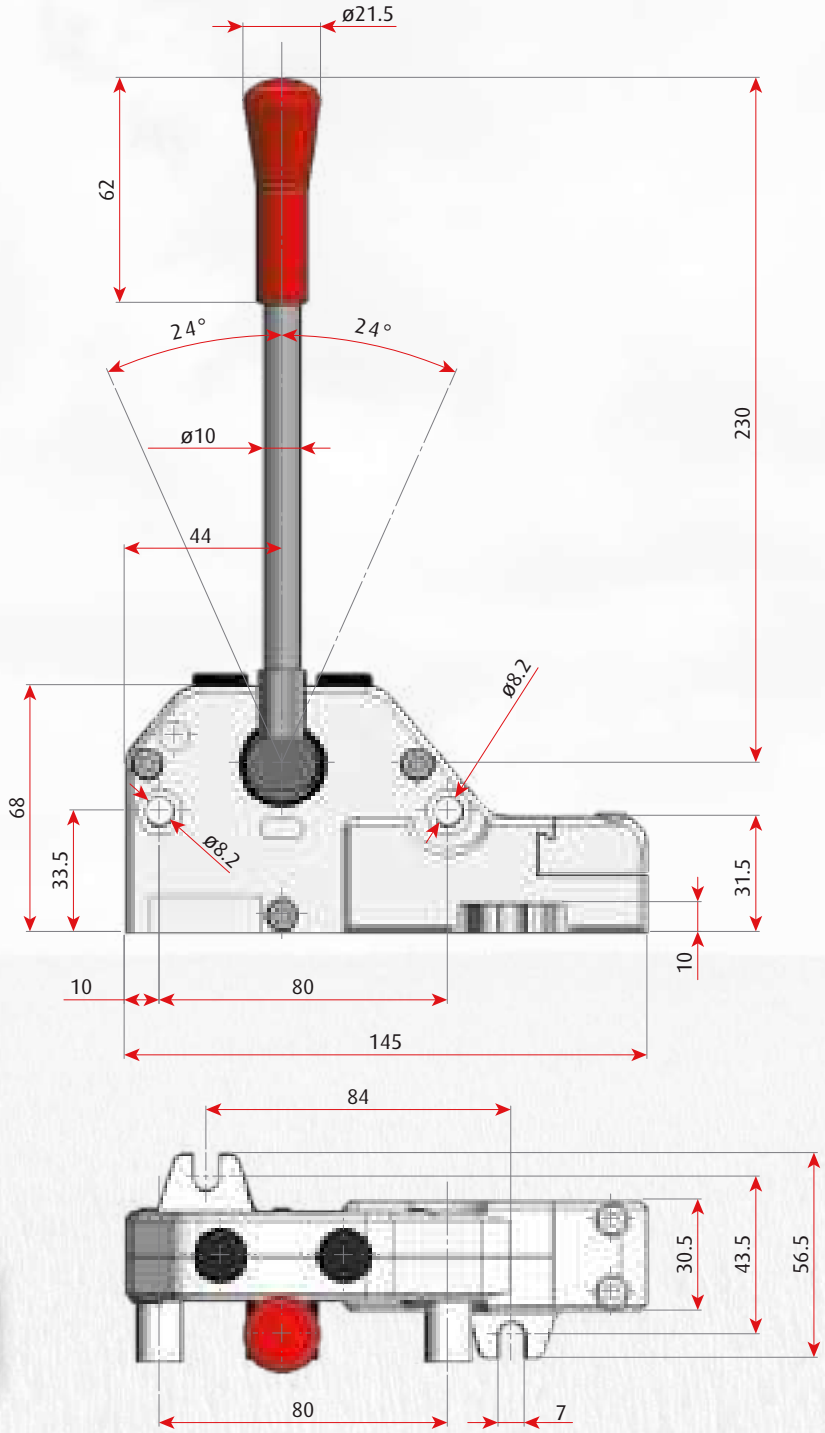
LEVER 1500

Its body is made of aluminium. Push-pull cable exits at 90 degrees with respect to the lever. It is used for the command of gears, stabilizers, lawn movers, cutting machines and hydraulic distributors in general.



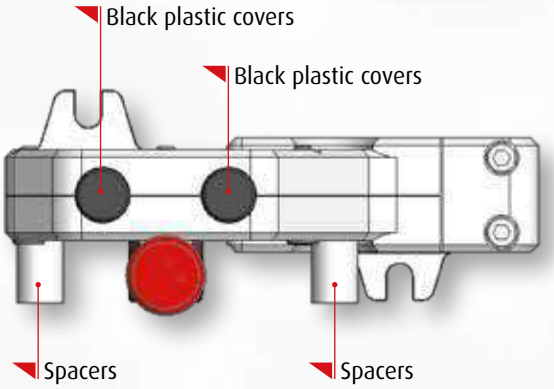


SPECIFICATION

- Possibility to mount side by side for multi axles applications
- Cable's stroke: +/– 16 mm
- 450 N maximum working load
- Available with several options and their combination:
  - Tuning of the stroke
  - Anti reversal
  - Locking function

TUNING OF THE END OF STROKE

To modify the end of stroke, it is necessary to remove the two black plastic covers and tune the screws placed inside. Two screws regulate indipendently the forward and reverse lever's stroke. To increase the stroke, rotate the screw clockwise; to reduce the stroke, rotate the screw counter clockwise. Maximum stroke is +/– 16 mm.



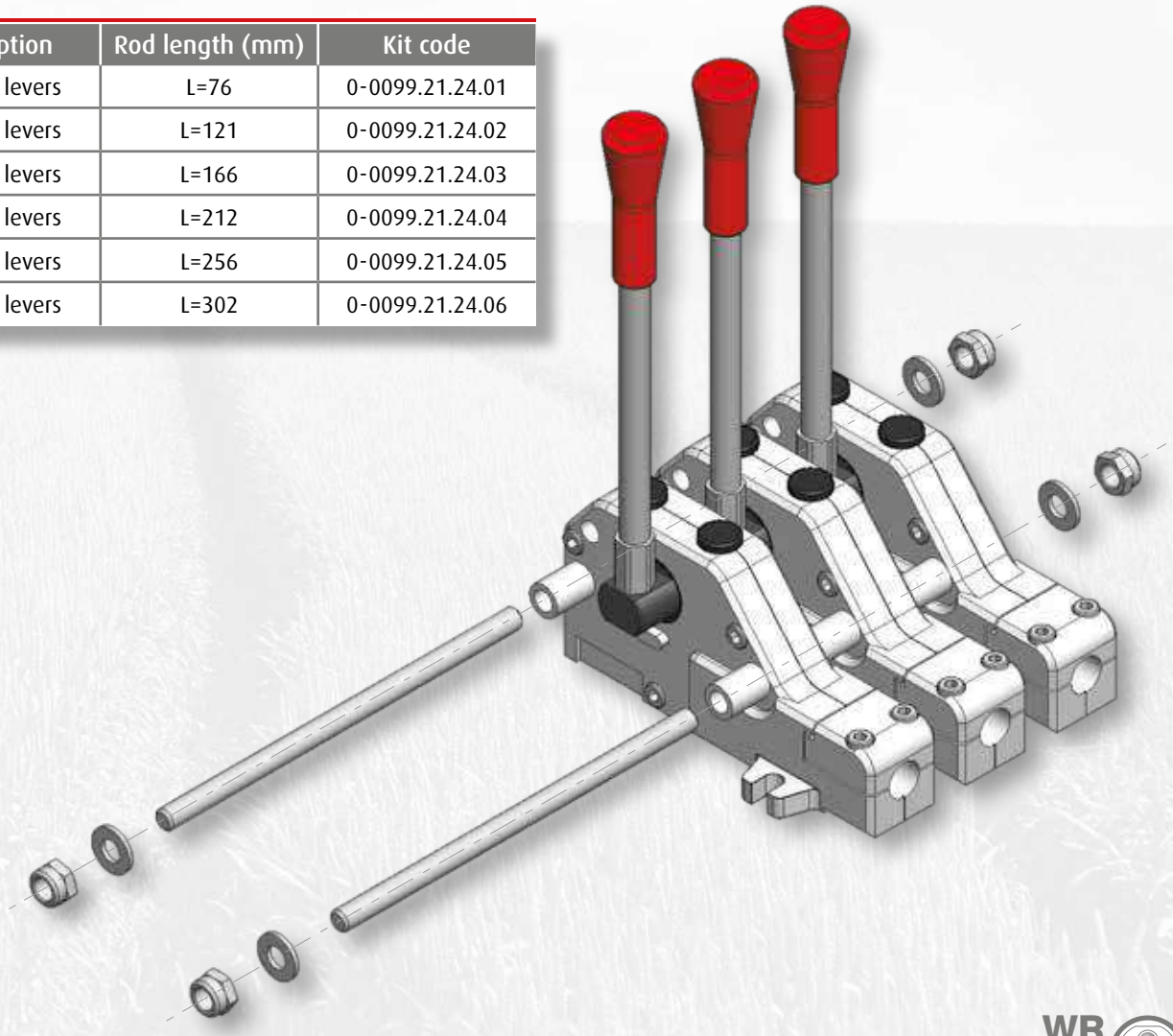
SPACERS

Levers series 1500 are available with or without spacers. Spacers are necessary for multi axle applications.

MULTI-AXLE KIT

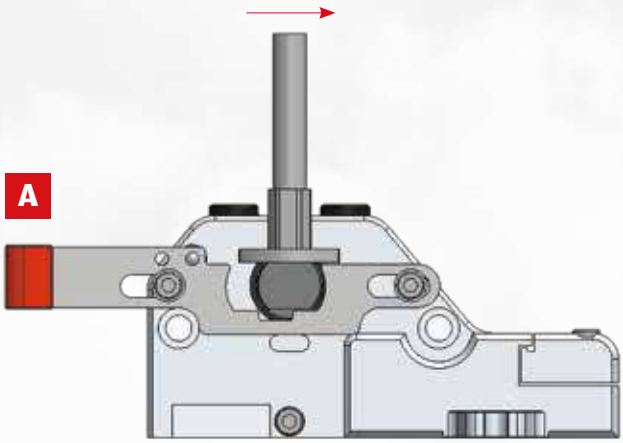
Rods with different lengths allow to assembly up to 7 levers 1500 side by side. The result is a compact block with a different number of levers.

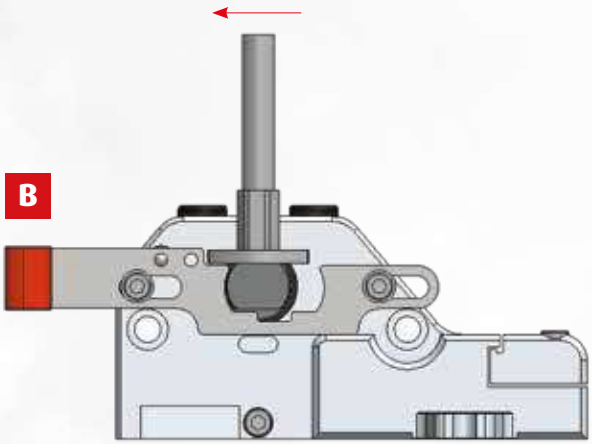
Description	Rod length (mm)	Kit code
Kit for 2 levers	L=76	0-0099.21.24.01
Kit for 3 levers	L=121	0-0099.21.24.02
Kit for 4 levers	L=166	0-0099.21.24.03
Kit for 5 levers	L=212	0-0099.21.24.04
Kit for 6 levers	L=256	0-0099.21.24.05
Kit for 7 levers	L=302	0-0099.21.24.06



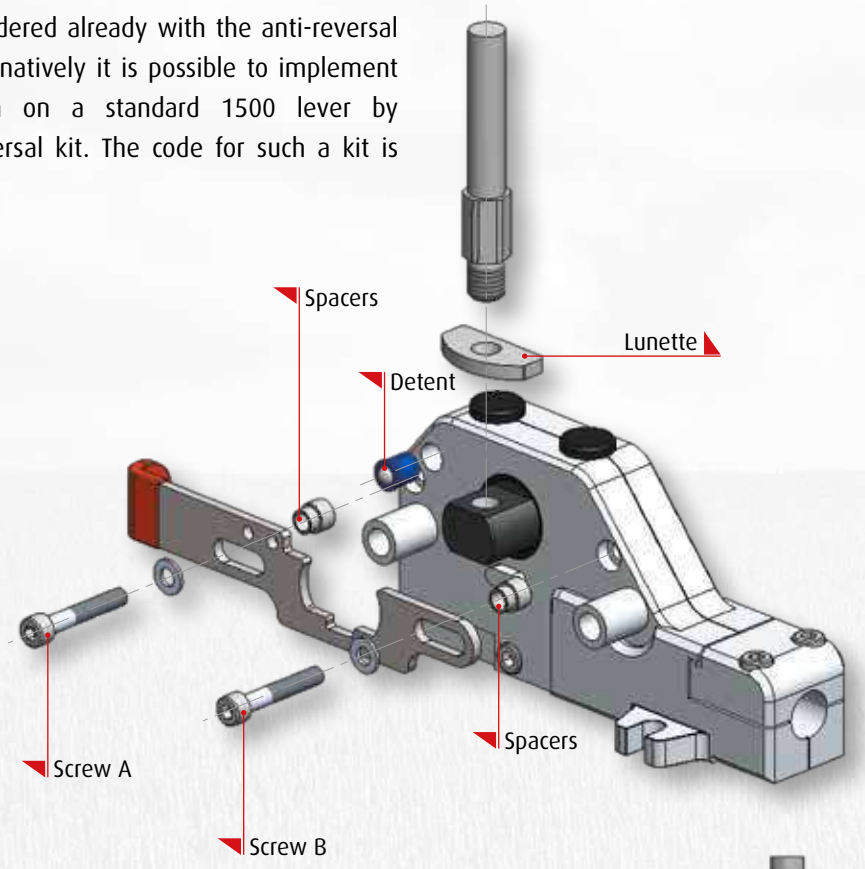
ANTI-REVERSAL FUNCTION

The lever can be moved only in one direction, depending on how is mounted the anti-reversal device. As shown in the pictures here below, in mounting case “A” the lever can just move forwards while in mounting case “B” the lever can just move reverse.



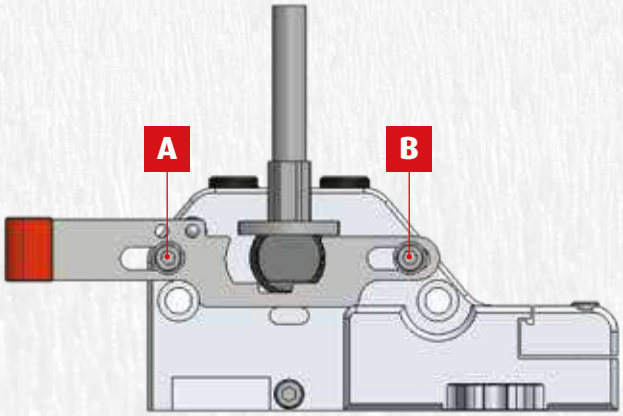


Lever 1500 can be ordered already with the anti-reversal built-in function. Alternatively it is possible to implement anti-reversal function on a standard 1500 lever by ordering the anti-reversal kit. The code for such a kit is 0-1500.06.01.00.



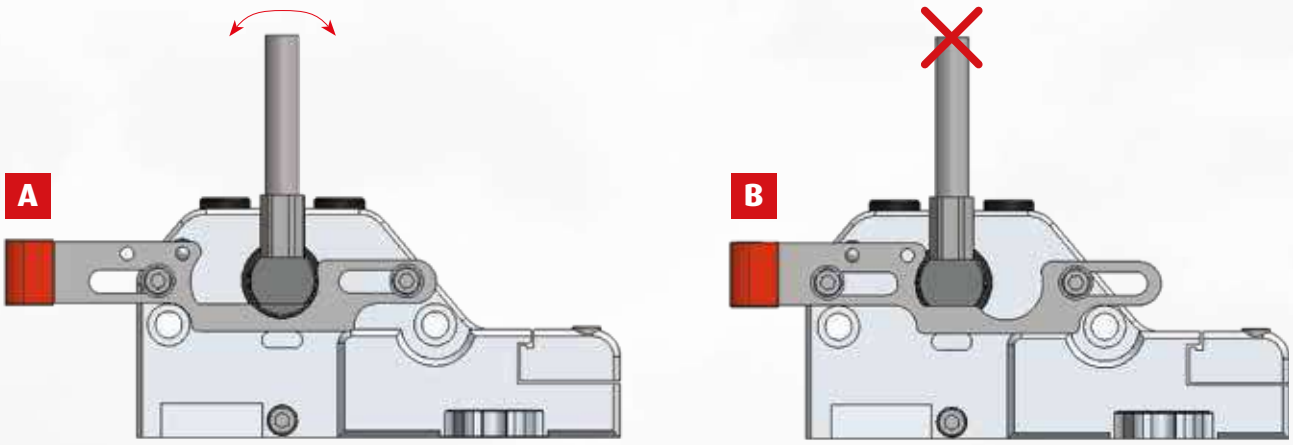
MOUNTING OF THE ANTI-REVERSAL DEVICE

1. Unscrew the lever’s stick
2. Place the lunette as shown in the picture and screw again the lever’s stick
3. Loosen screws A and B
4. Insert the detent in its housing
5. Position the spacers onto the holes inside the body and mount the anti-reversal device
6. Tighten again the screws A and B

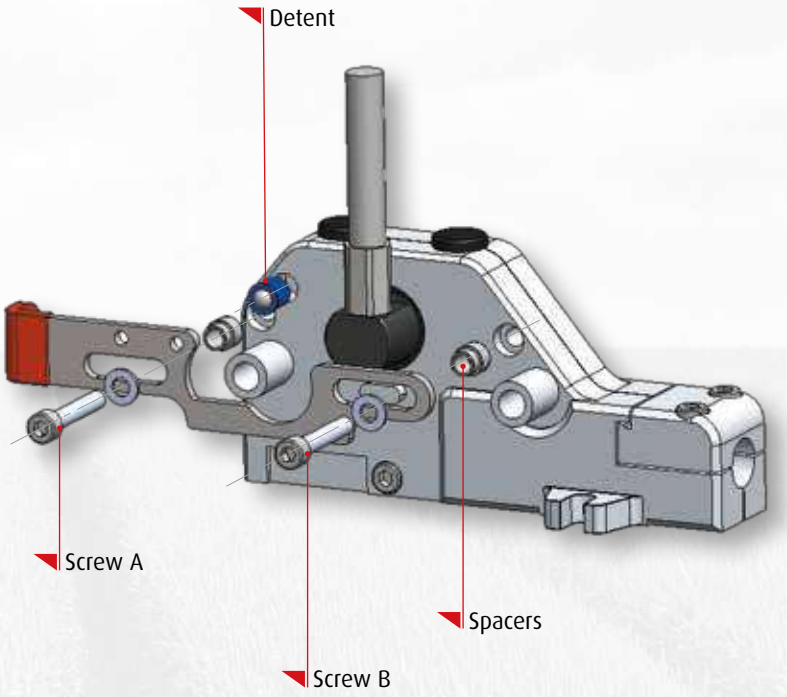


LOCK FUNCTION

Depending on the position of the locking device, the lever can be freely moved (case A) or it is locked in the central position (case B).

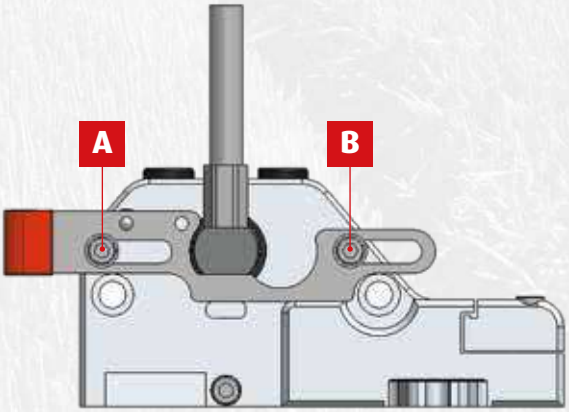


Lever 1500 can be ordered already with the lock function. Alternatively it is possible to implement the lock function on a standard 1500 lever by ordering the locking kit. The code for such a kit is 0-1500.06.00.00.



MOUNTING OF THE LOCK DEVICE

1. Loosen screws A and B
2. Insert the detent in its housing
3. Position the spacers onto the holes inside the body and mount the locking device
4. Tighten again screws A and B



CODES

It follows the list of the codes for control lever series 1500 in different versions.

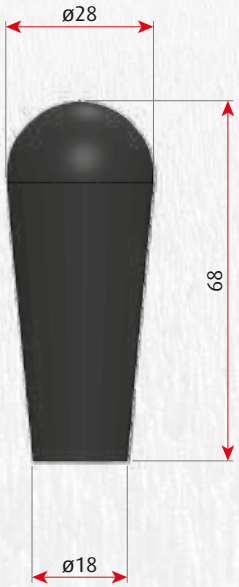
Spacers	Lever's stick length	End of stroke	Version	Code
With spacers	180	Without end of stroke	Standard	1501-100X
			With anti-reversal function	1501-101X
			With lock function	1501-102X
		With end of stroke	Standard	1501-110X
			With anti-reversal function	1501-111X
			With lock function	1501-112X
	230	Without end of stroke	Standard	1501-000X
			With anti-reversal function	1501-001X
			With lock function	1501-002X
		With end of stroke	Standard	1501-010X
			With anti-reversal function	1501-011X
			With lock function	1501-012X
Without spacers	180	Without end of stroke	Standard	1500-100X
			With anti-reversal function	1500-101X
			With lock function	1500-102X
		With end of stroke	Standard	1500-110X
			With anti-reversal function	1500-111X
			With lock function	1500-112X
	230	Without end of stroke	Standard	1500-000X
			With anti-reversal function	1500-001X
			With lock function	1500-002X
		With end of stroke	Standard	1500-010X
			With anti-reversal function	1500-011X
			With lock function	1500-012X

Note:

- "X" identifies the type of knob: 3 = ogival black knob, 5 = standard orange knob.



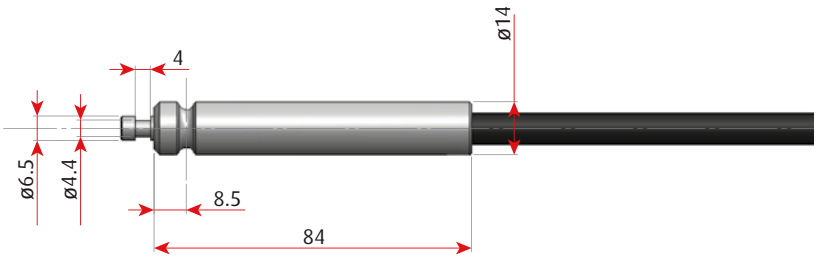
Standard orange knob



Ogival black knob

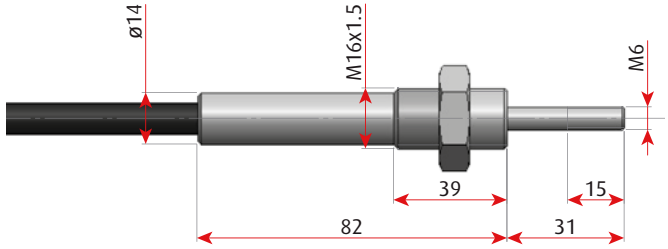
PUSH-PULL CABLES WHICH FIT WITH LEVER 1500

LEVER SIDE

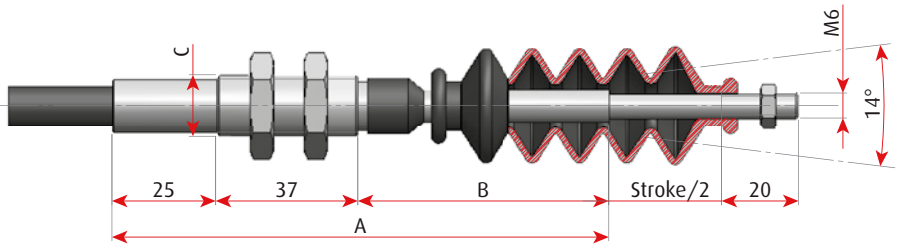


- The end fittings are represented with the cable at mid stroke position

HYDRAULIC DISTRIBUTOR SIDE



Cable type 07E, code 971630*mmmmm



A	B	Thread (C)	Code
140	65	M14x1	271630*mmmmm
		M16x1.5	271630-6*mmmmm