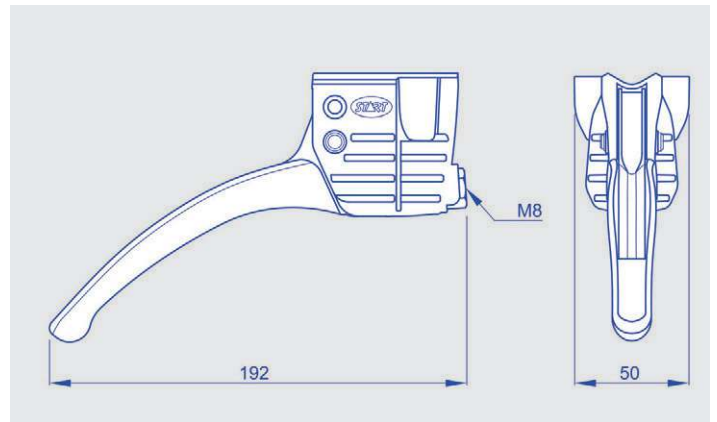




# COMBINABLE ELECTRIC/MECHANICAL LOWER SINGLE LEVERS WITH DIRECT ACTING OR WITH SAFETY BLOCK OR WITH LOCKING AND ORDER FORM COMBINATION DS 33EL / LA 100

## Characteristics:

- Linear stroke in direct acting: 17 - 25 mm
- Linear stroke in standard and reinforced locking position: 15 mm
- Locking: to be inserted manually or to be inserted automatically (only for metal lever)
- Standard locking button: left - right - double (only to be inserted manually)
- Reinforced locking button: right (only to be inserted manually and only for metal lever)
- Assembly: on tubes Fastening type: screws for coupling with upper lever
- Lever return: without spring or with spring in stainless steel (only for metal lever)
- Lever material: nylon or metal Nylon colour: black Metal treatment: zinc plated or chromium plated

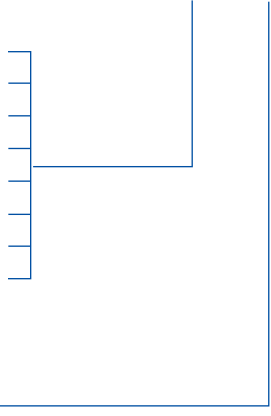


To order: compose, please, your product code inserting the boldfaced code corresponding to the chosen option in the proper square.

LA 100 comb.		
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- Linear stroke 17 mm in direct acting: **D1**
- Linear stroke 25 mm in direct acting: **D2**
- Linear stroke 15 mm with manual left locking button: **MS**
- Linear stroke 15 mm with manual right locking button: **MD**
- Linear stroke 15 mm with manual double locking button (only for metal lever): **MX**
- Linear stroke 15 mm with automatic left locking button (only for metal lever): **AS**
- Linear stroke 15 mm with automatic right locking button (only for metal lever): **AD**
- Linear stroke 15 mm with manual reinforced right locking button: **DR**

- Nylon lever without return spring: **NS**
- Zinc plated metal lever without return spring: **ZS**
- Zinc plated metal lever with return spring: **ZC**
- Chromium plated metal lever without return spring: **CS**
- Chromium plated metal lever with return spring: **CC**





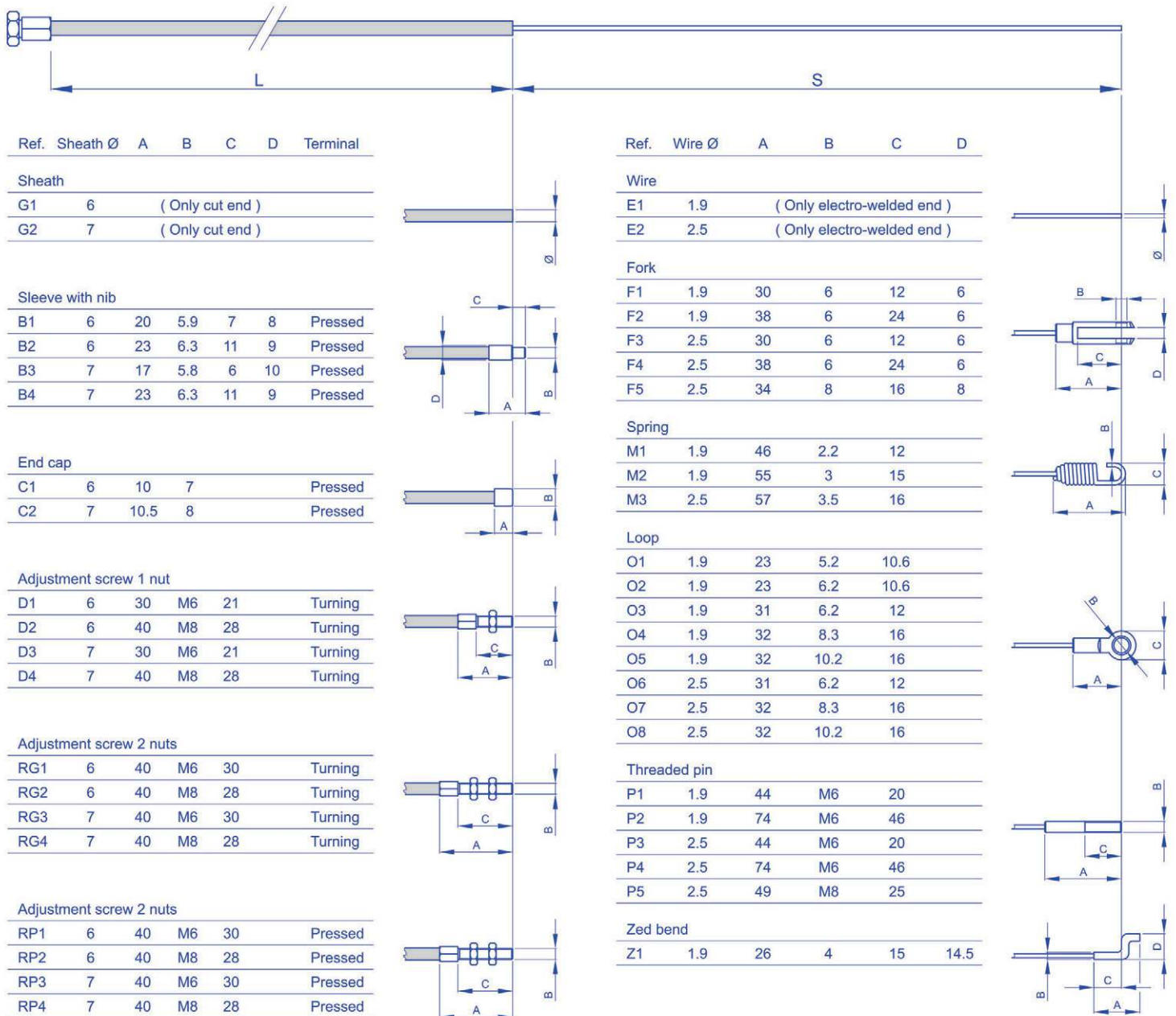
## COMBINABLE ELECTRIC/MECHANICAL LEVERS COMPATIBLE WITH LOWER LEVER CABLES MODELS LA 100 - LA 150 - LA 200

### Characteristics:

- Sheath diameter: Ø6 mm or Ø7 mm with inner antifriction tube
- Sheath length: upon request
- Wire diameter: Ø1,9 mm or Ø2,5 mm
- Wire protrusion length: upon request
- Sheath terminals: see table
- Wire terminals: see table

Sheath options

Wire options



Ref.	Sheath Ø	A	B	C	D	Terminal
<b>Sheath</b>						
G1	6	( Only cut end )				
G2	7	( Only cut end )				

Ref.	Sheath Ø	A	B	C	D	Terminal
<b>Sleeve with nib</b>						
B1	6	20	5.9	7	8	Pressed
B2	6	23	6.3	11	9	Pressed
B3	7	17	5.8	6	10	Pressed
B4	7	23	6.3	11	9	Pressed

Ref.	Sheath Ø	A	B	Terminal
<b>End cap</b>				
C1	6	10	7	Pressed
C2	7	10.5	8	Pressed

Ref.	Sheath Ø	A	B	C	D	Terminal
<b>Adjustment screw 1 nut</b>						
D1	6	30	M6	21	Turning	
D2	6	40	M8	28	Turning	
D3	7	30	M6	21	Turning	
D4	7	40	M8	28	Turning	

Ref.	Sheath Ø	A	B	C	D	Terminal
<b>Adjustment screw 2 nuts</b>						
RG1	6	40	M6	30	Turning	
RG2	6	40	M8	28	Turning	
RG3	7	40	M6	30	Turning	
RG4	7	40	M8	28	Turning	

Ref.	Sheath Ø	A	B	C	D	Terminal
<b>Adjustment screw 2 nuts</b>						
RP1	6	40	M6	30	Pressed	
RP2	6	40	M8	28	Pressed	
RP3	7	40	M6	30	Pressed	
RP4	7	40	M8	28	Pressed	

Ref.	Wire Ø	A	B	C	D
<b>Wire</b>					
E1	1.9	( Only electro-welded end )			
E2	2.5	( Only electro-welded end )			

Ref.	Wire Ø	A	B	C	D
<b>Fork</b>					
F1	1.9	30	6	12	6
F2	1.9	38	6	24	6
F3	2.5	30	6	12	6
F4	2.5	38	6	24	6
F5	2.5	34	8	16	8

Ref.	Wire Ø	A	B	C
<b>Spring</b>				
M1	1.9	46	2.2	12
M2	1.9	55	3	15
M3	2.5	57	3.5	16

Ref.	Wire Ø	A	B	C
<b>Loop</b>				
O1	1.9	23	5.2	10.6
O2	1.9	23	6.2	10.6
O3	1.9	31	6.2	12
O4	1.9	32	8.3	16
O5	1.9	32	10.2	16
O6	2.5	31	6.2	12
O7	2.5	32	8.3	16
O8	2.5	32	10.2	16

Ref.	Wire Ø	A	B	C
<b>Threaded pin</b>				
P1	1.9	44	M6	20
P2	1.9	74	M6	46
P3	2.5	44	M6	20
P4	2.5	74	M6	46
P5	2.5	49	M8	25

Ref.	Wire Ø	A	B	C	D
<b>Zed bend</b>					
Z1	1.9	26	4	15	14.5



## COMBINABLE ELECTRIC/MECHANICAL LEVERS ORDER FORM FOR COMPATIBLE WITH LOWER LEVER CABLES MODELS LA 100 - LA 150 - LA 200

### To order:

The technical options that are represented on the opposite page are the standard personalizations which are provided from the company.

Among these possibilities, you can choose the cable construction that meets your requirements.

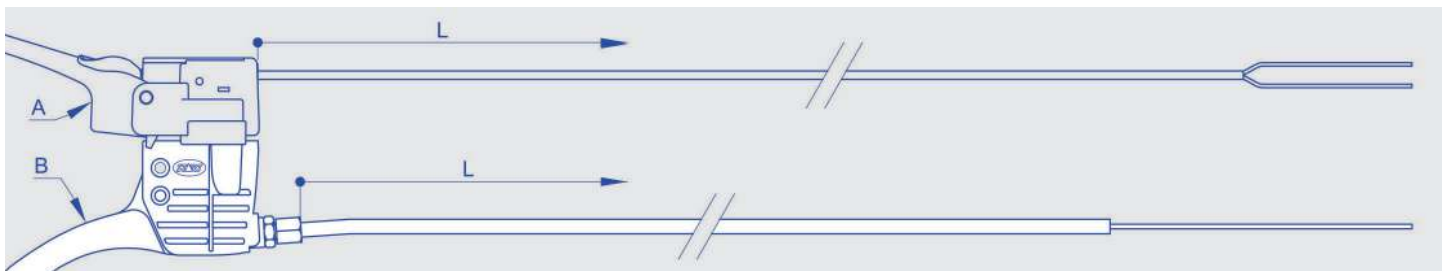
At first choose the sheath diameter and select the corresponding terminals among the possible options.

Find out your preferences and fill in the boxes with the number or the letters/number corresponding to your options.

Example: if you choose a Ø7 mm sheath and you want a sleeve with nib as terminal, indicate the code 05 or 06, according to your needs.

And so on for other variables.

The same procedure must be used to choose the wire: start choosing the diameter and then select the corresponding options.



**To order: compose, please, your product code inserting the boldfaced code corresponding to the chosen option in the proper square.**

Lever B cable

<p>Sheath length (L) in mm: _____</p> <p>Wire protrusion length (S) in mm: _____</p> <p>Sheath Ø6 mm (only cut) G1: <b>01</b></p> <p>Sheath Ø7 mm (only cut) G2: <b>02</b></p> <p>Sleeve with nib B1: <b>03</b></p> <p>Sleeve with nib B2: <b>04</b></p> <p>Sleeve with nib B3: <b>05</b></p> <p>Sleeve with nib B4: <b>06</b></p> <p>End cap C1: <b>07</b></p> <p>End cap C2: <b>08</b></p> <p>Adjustment screw 1 nut D1: <b>09</b></p> <p>Adjustment screw 1 nut D2: <b>10</b></p> <p>Adjustment screw 1 nut D3: <b>11</b></p> <p>Adjustment screw 1 nut D4: <b>12</b></p> <p>Turning adjustment screw 2 nuts RG1: <b>13</b></p> <p>Turning adjustment screw 2 nuts RG2: <b>14</b></p> <p>Turning adjustment screw 2 nuts RG3: <b>15</b></p> <p>Turning adjustment screw 2 nuts RG4: <b>16</b></p> <p>Pressed adjustment screw 2 nuts RP1: <b>17</b></p> <p>Pressed adjustment screw 2 nuts RP2: <b>18</b></p> <p>Pressed adjustment screw 2 nuts RP3: <b>19</b></p> <p>Pressed adjustment screw 2 nuts RP4: <b>20</b></p>	<p>Only electro-welded wire Ø1,9 mm without terminal E1: <b>21</b></p> <p>Only electro-welded wire Ø2,5 mm without terminal E2: <b>22</b></p> <p>Fork F1: <b>23</b></p> <p>Fork F2: <b>24</b></p> <p>Fork F3: <b>25</b></p> <p>Fork F4: <b>26</b></p> <p>Fork F5: <b>27</b></p> <p>Spring M1: <b>28</b></p> <p>Spring M2: <b>29</b></p> <p>Spring M3: <b>30</b></p> <p>Loop O1: <b>31</b></p> <p>Loop O2: <b>32</b></p> <p>Loop O3: <b>33</b></p> <p>Loop O4: <b>34</b></p> <p>Loop O5: <b>35</b></p> <p>Loop O6: <b>36</b></p> <p>Loop O7: <b>37</b></p> <p>Loop O8: <b>38</b></p> <p>Threaded pin P1: <b>39</b></p> <p>Threaded pin P2: <b>40</b></p> <p>Threaded pin P3: <b>41</b></p> <p>Threaded pin P4: <b>42</b></p> <p>Threaded pin P5: <b>43</b></p> <p>Zed bend Z1: <b>44</b></p>
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