

# I PATROL ON WALL

## WALL-MOUNTED LIFELINE ON STEEL AND CONCRETE

### MINIMALIST DESIGN

The size of the components minimises the aesthetic impact of the safety device on the wall.

### FUNCTIONAL

Thanks to the different components availability, it is possible to create customised lifelines according to site requirements.

### PRACTICAL

It can be used components that allow the operator to overcome intermediate points and curves by means of a sliding device.

|                     |                      |                        |                       |                       |                |
|---------------------|----------------------|------------------------|-----------------------|-----------------------|----------------|
| EN<br>795:2012<br>C | CEN/TS<br>18415:2013 | UNI<br>11578:2015<br>C | AS/NZS<br>1891.4:2009 | AS/NZS<br>1891.2:2001 | CSA<br>Z259.16 |
|---------------------|----------------------|------------------------|-----------------------|-----------------------|----------------|

CSA Z259.16 READY  
Validated through testing



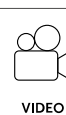
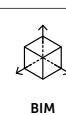
MAXIMUM NUMBER  
OF USERS



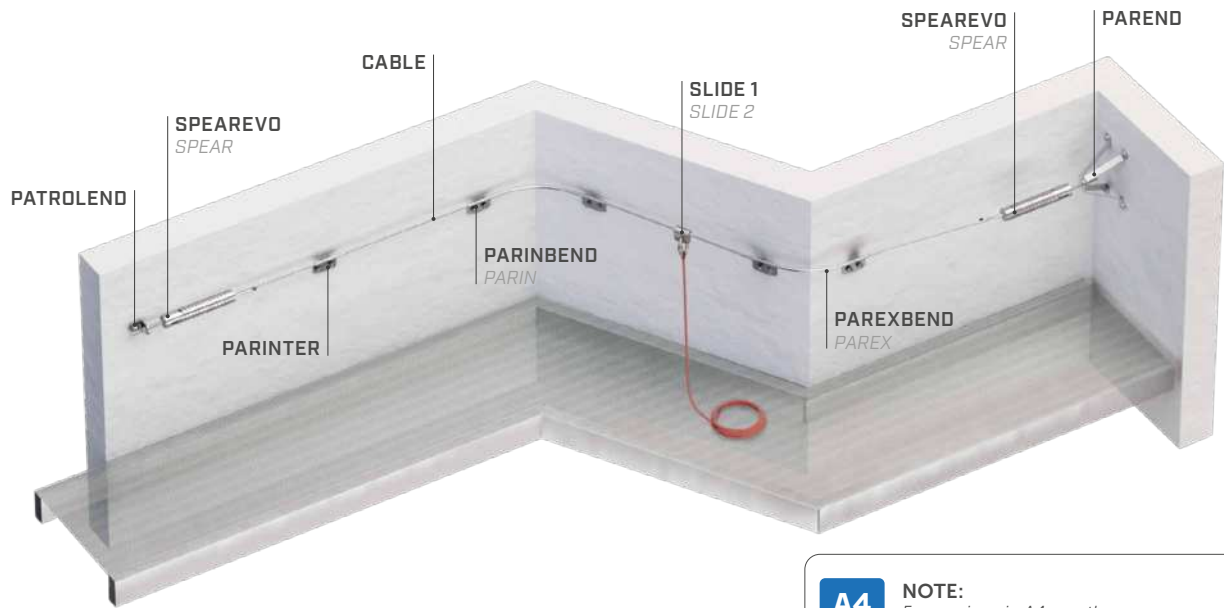
LOAD DIRECTION



TYPES OF  
APPLICATION



## PATROL LIFELINE COMPONENTS



**A4**  
AISI 316

### NOTE:

For versions in A4, see the page on components (see page 56).

## TECHNICAL DATA\*

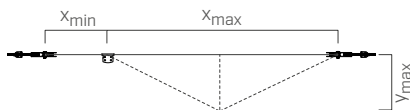
### PATROLEND | PATROLEND A4

| substructure | minimum thickness | fasteners                                       |
|--------------|-------------------|-------------------------------------------------|
| C20/25       | 116 mm            | INA 5.8 M16<br>VIN-FIX                          |
|              | 170 mm            | SKR Ø16                                         |
|              | 170 mm            | AB1 M16                                         |
| S235JR       | 5 mm              | DIN 933 M16<br>DIN 125-1A M16<br>MUT AI 985 M16 |

### PAREND | PAREND A4

| substructure | minimum thickness | fasteners                                       |
|--------------|-------------------|-------------------------------------------------|
| C20/25       | 98 mm             | INA 5.8 M12<br>VIN-FIX                          |
|              | 130 mm            | SKR Ø12                                         |
|              | 140 mm            | AB1 M12                                         |
| S235JR       | 5 mm              | DIN 933 M12<br>DIN 125-1A M12<br>MUT AI 985 M12 |

\* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.



|                    |               | SPEAR                                                                               |                   |                  |                    |                                                                                             | SPEAREVO                                                                              |                   |                  |                    |                                                                                              |
|--------------------|---------------|-------------------------------------------------------------------------------------|-------------------|------------------|--------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|------------------|--------------------|----------------------------------------------------------------------------------------------|
|                    |               | EN 795:2012 C                                                                       | CEN/TS 16415:2013 | UNI 11578:2015 C | AS/NZS 1891.2:2001 | AS/NZS 1891.4:2009                                                                          | EN 795:2012 C                                                                         | CEN/TS 16415:2013 | UNI 11578:2015 C | AS/NZS 1891.2:2001 | AS/NZS 1891.4:2009                                                                           |
| users              | no.           |  |                   |                  |                    |  (SPAN) |  |                   |                  |                    |  (SPAN) |
| minimum span       | $x_{min}$ [m] | 2                                                                                   |                   |                  |                    | 2                                                                                           | 2                                                                                     |                   |                  |                    | 2                                                                                            |
| maximum span       | $x_{max}$ [m] | 7,5                                                                                 |                   |                  |                    | 7,5                                                                                         | 15                                                                                    |                   |                  |                    | 15                                                                                           |
| maximum deflection | $y_{max}$ [m] | 1,40                                                                                |                   |                  |                    | 1,40                                                                                        | 3,40                                                                                  |                   |                  |                    | 3,40                                                                                         |

## END ELEMENTS | CODES AND DIMENSIONS

| CODE         | description    | material                              |                       | B [mm]<br>[in] | H [mm]<br>[in] | L [mm]<br>[in] | s [mm]<br>[in] | pcs |  |
|--------------|----------------|---------------------------------------|-----------------------|----------------|----------------|----------------|----------------|-----|--|
| PATROLEND    | end element    | AISI 304 stainless steel grade 1.4301 | <b>A2</b><br>AISI 304 | 40<br>1 9/16   | 61<br>2 3/8    | 66<br>2 5/8    | 6<br>0.24      | 1   |  |
| PATROLEND A4 | A4 end element | AISI 316 stainless steel grade 1.4401 | <b>A4</b><br>AISI 316 | 40<br>1 9/16   | 61<br>2 3/8    | 66<br>2 5/8    | 6<br>0.24      | 1   |  |
| PAREND       | end element    | AISI 304 stainless steel grade 1.4301 | <b>A2</b><br>AISI 304 | 300<br>11 3/4  | 150<br>6       | 300<br>11 3/4  | -              | 1   |  |
| PAREND A4    | A4 end element | AISI 316 stainless steel grade 1.4401 | <b>A4</b><br>AISI 316 | 300<br>11 3/4  | 150<br>6       | 300<br>11 3/4  | -              | 1   |  |