



LIBRA CH



L = Total CH including both upper and lower ends

LIBRA CH

LIBRA CH is a hanging solution to be combined with a pair of standard cabinet hangers to be fixed to the side panels.

It is recommended for wall-mounted suspended cabinets with heavy loads or particularly deep drawers.

LIBRA CH can be fixed to the top panel and to the bottom panel.

LIBRA CH features a mechanical sledge, a sliding element that facilitates the vertical adjustment as well as the in-depth adjustment.

The smooth movement guaranteed by the mechanical sledge allows the hanging screw, to easily adapt to vertical adjustments of the side hangers.

The hanging screw is hooked on the bar and follows the horizontal adjustments.

LIBRA CH features the patented ANTI-TURNOVER device.

The main benefits are the following:

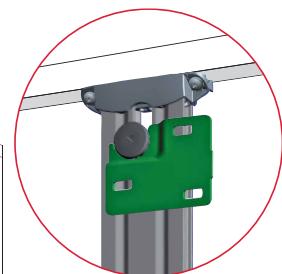
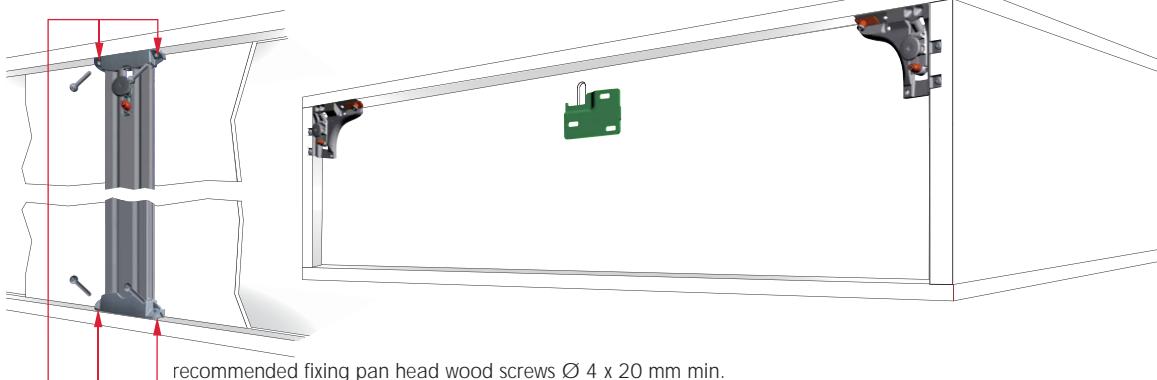
- It is possible to use as many cabinet hangers as needed, in order to hold the required load as well as the cabinet shape.
- Several hanging points facilitate the even load distribution of the cabinet on the wall bar.
- The fixing to both the bottom and the top allows the hanging to be more rigid and avoids any structural failure, especially in case of swinging loads or when deep drawers are opened.
- A more structural solidity is guaranteed.

The adjustment and the locking of the ANTI-TURNOVER bolt can be carried out from the inside of the cabinet by using a standard PZ2 screwdriver.



APPLICATION

LIBRA CH to be cut on size flushing with both top and bottom panels.



It is the responsibility of the customer:

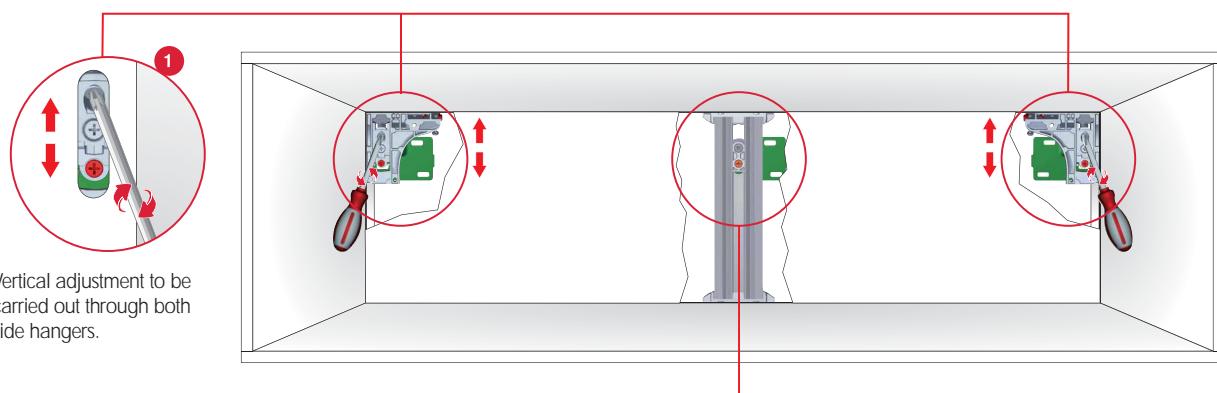
- to ensure that the wall is of a suitable quality to hold the unit fixing in place.
- to use the proper hardware fittings according to the construction of the wall.

For more specific information, please refer to the WARNINGS section at the end of the catalogue.

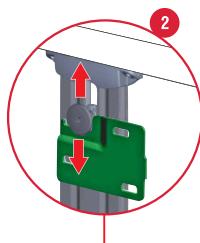
ADJUSTMENTS

Slots for cross PZ2 screwdriver

1 - VERTICAL ADJUSTMENT LIBRA H1-H2-H3-H6-H7 - 13 mm

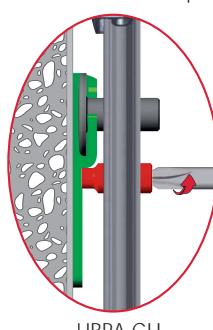
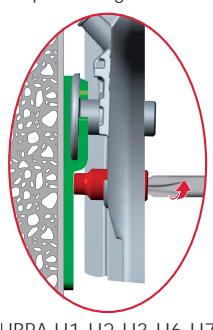
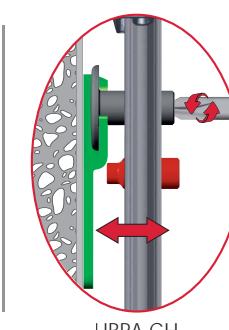
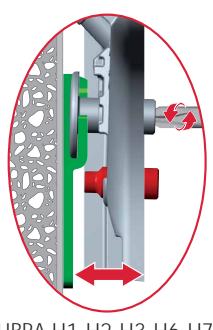


LIBRA CH consequently follows the vertical adjustment carried out through the side hangers.



2 IN-DEPTH ADJUSTMENT 12 mm

3 ANTI-TURNOVER LOCKING Stop screwing the red bolt when it touches the wall plate



LIBRA H1-H2-H3-H6-H7

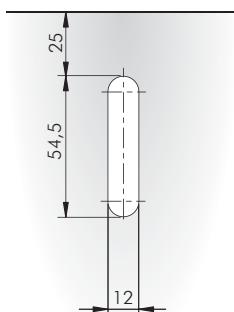
LIBRA CH

LIBRA H1-H2-H3-H6-H7

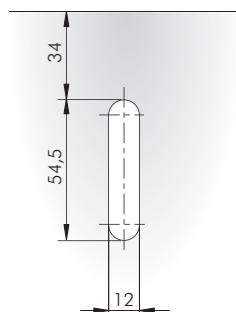
LIBRA CH

The present groove has to match the groove required by the cabinet hanger used.

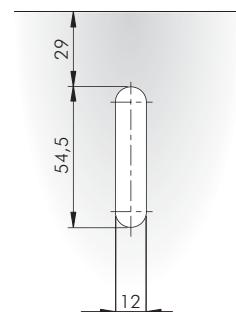
Drilling plan for the matching with LIBRA H1



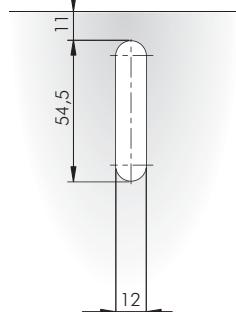
Drilling plan for the matching with LIBRA H2



Drilling plan for the matching with LIBRA H3

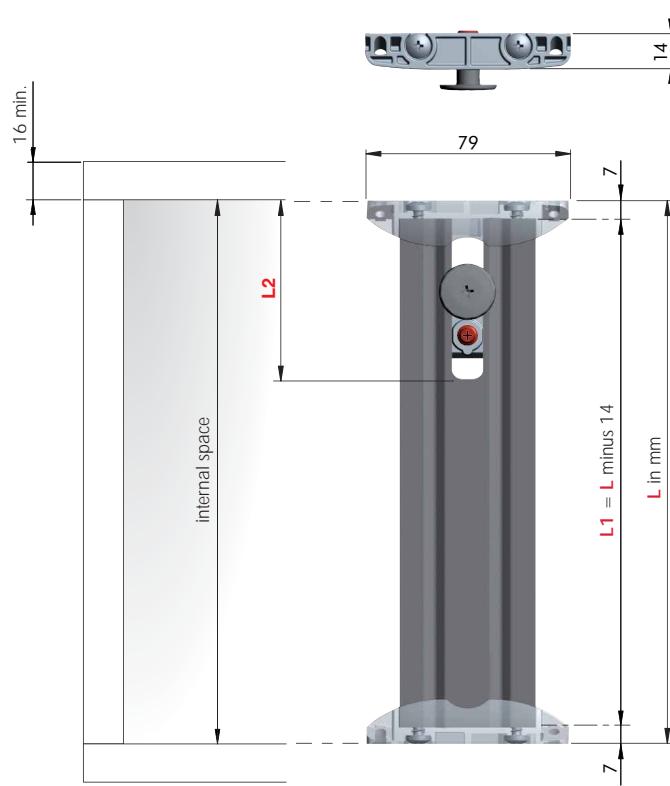


Drilling plan for the matching with LIBRA H6 - H7



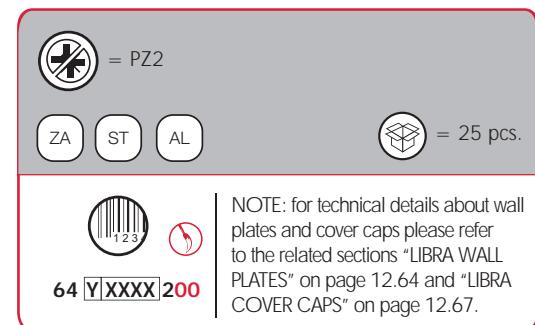
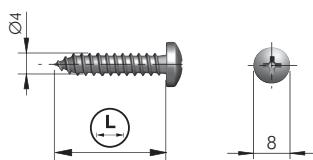
LIBRA CH WITH BOTH UPPER AND LOWER END ELEMENTS PRE-MOUNTED

READY FOR INSTALLATION



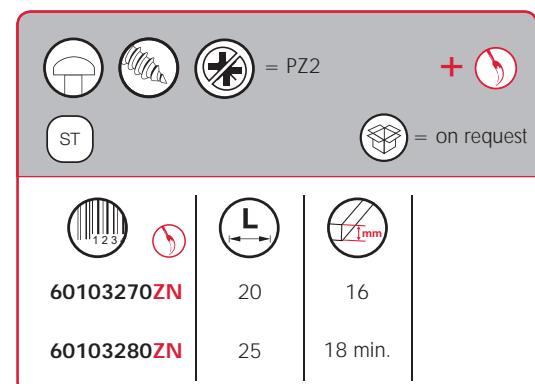
L = Total CH including both upper and lower elements.

LIBRA CH FIXING ACCESSORY



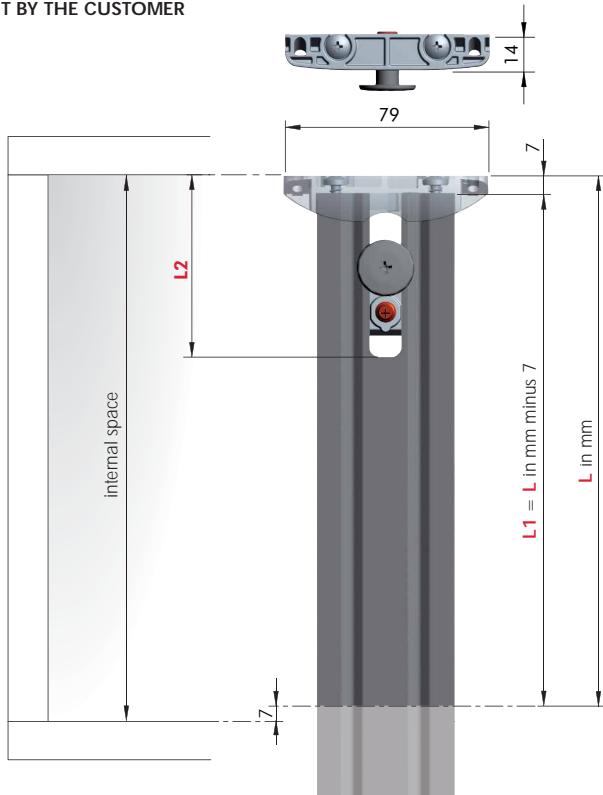
64 Y XXXX 200

"0" = milling **L2** type A for LIBRA H6 - H7.
"1" = milling **L2** type B for LIBRA H1, H2, H3.

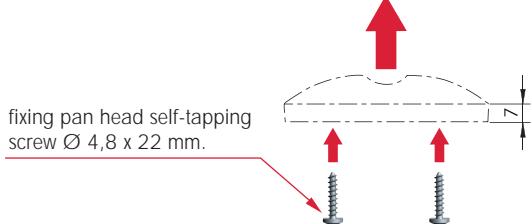


LIBRA CH WITH UPPER END ELEMENT PRE-MOUNTED (SEPARATE LOWER END ELEMENT)

TO BE CUT BY THE CUSTOMER



| | |
|---|---|
|  | = PZ2 |
|  | ZA |
|  | ST |
|  | AL |
|  | = 25 pcs. |
|  | NOTE: for technical details about wall plates and cover caps please refer to the related sections "LIBRA WALL PLATES" on page 12.64 and "LIBRA COVER CAPS" on page 12.67. |
|  | |
| 64 Y XXXX 100 | |

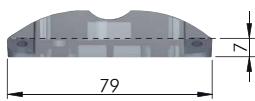


64 Y XXXX 100

L1

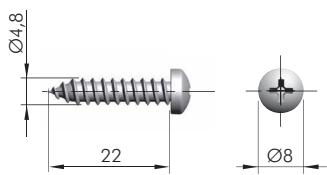
"0" = milling L2 type A for LIBRA H6 - H7.
"1" = milling L2 type B for LIBRA H1, H2, H3.

LOWER END ELEMENT



| | |
|---|--------------|
|  | ZA |
|  | = on request |
|  | |
|  | |
| 64300000ZN | |

FIXING ACCESSORY FOR LOWER END ELEMENT PART.NO 64300000ZN



| | |
|---|--------------|
|  | = PZ2 |
|  | ST |
|  | = on request |
|  | |
|  | |
| 60203610ZN | |



LIBRA H6 and LIBRA CH LIVING SETTINGS



LIBRA H6



LIBRA CH

LIBRA H6 and LIBRA CH APPLICATIONS

BENEFITS OF LIBRA H6 AND LIBRA CH HANGING SYSTEMS:

- Vertical and in-depth adjustments, as well as the locking of the cabinet, can be easily and smoothly carried out from the inside.
- The hanging system is never interfering with the slides for drawers as it is placed behind the back panel.
- Absolutely no mills, drillings or grooves required inside the cabinet.

In the **current absence of a unifying European norm** which sets the standards for testing procedures aimed at defining loading capacities of hanging systems conceived for suspended base units, we Italiana Ferramenta have simulated some of the most critical scenarios.

The following simulations are meant to give our customers valid reference points concerning cabinet dimensions, weights, recommended loading capacity even when loaded drawers are opened.

The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

The customer must ensure that the wall is of suitable quality and structure.

Other important factors to be taken into consideration are determined by:

- the type of side panel, the actual thickness and the material used. It is recommended to use chipboard panels. For MDF panels please contact us for further information concerning the screw fixing.

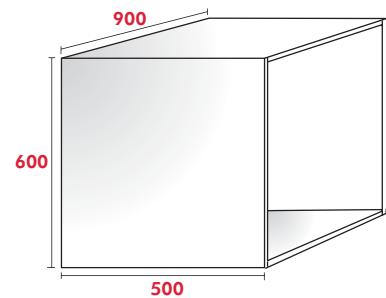
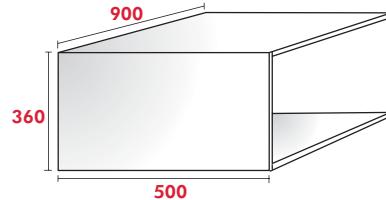
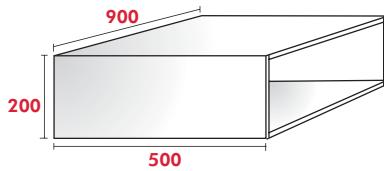
- the type and dimensions of the screws used.

- the actual positioning, depth and width of the groove milled for the back side installation.

- the loading capacity of the drawer slides used as well as the actual construction of the drawer.

We always recommend to test a complete cabinet.

For cases which differ from the ones reported, please contact us.



| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H6 | LIBRA H6 + 1 LIBRA CH |
| Cabinet | 100 kg | 150 kg |
| Cabinet + drawer | 70 kg + 30 kg | 120 kg + 30 kg |

| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H6 | LIBRA H6 + 1 LIBRA CH |
| Cabinet | 180 kg | 230 kg |
| Cabinet + drawer | 150 kg + 30 kg | 180 kg + 50 kg |

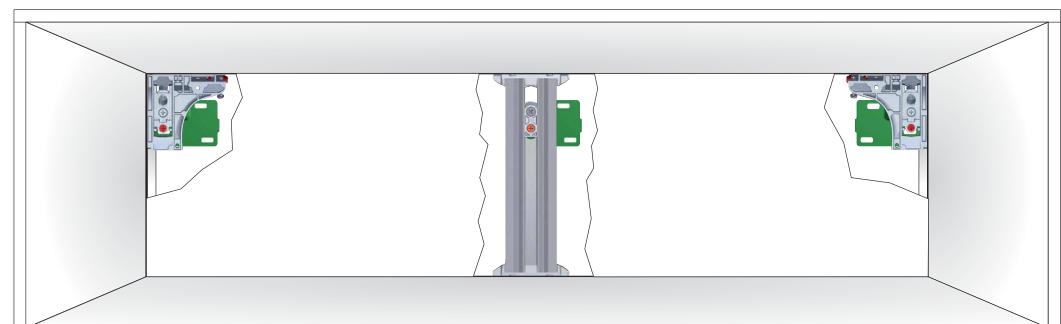
| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H6 | LIBRA H6 + 1 LIBRA CH |
| Cabinet | 200 kg | 230 kg |
| Cabinet + drawer | 170 kg + 30 kg | 170 kg + 50 kg |

The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

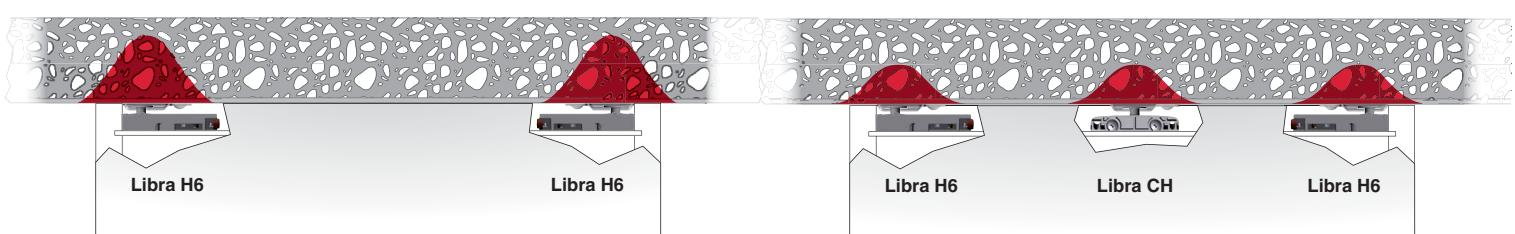
LIBRA H6



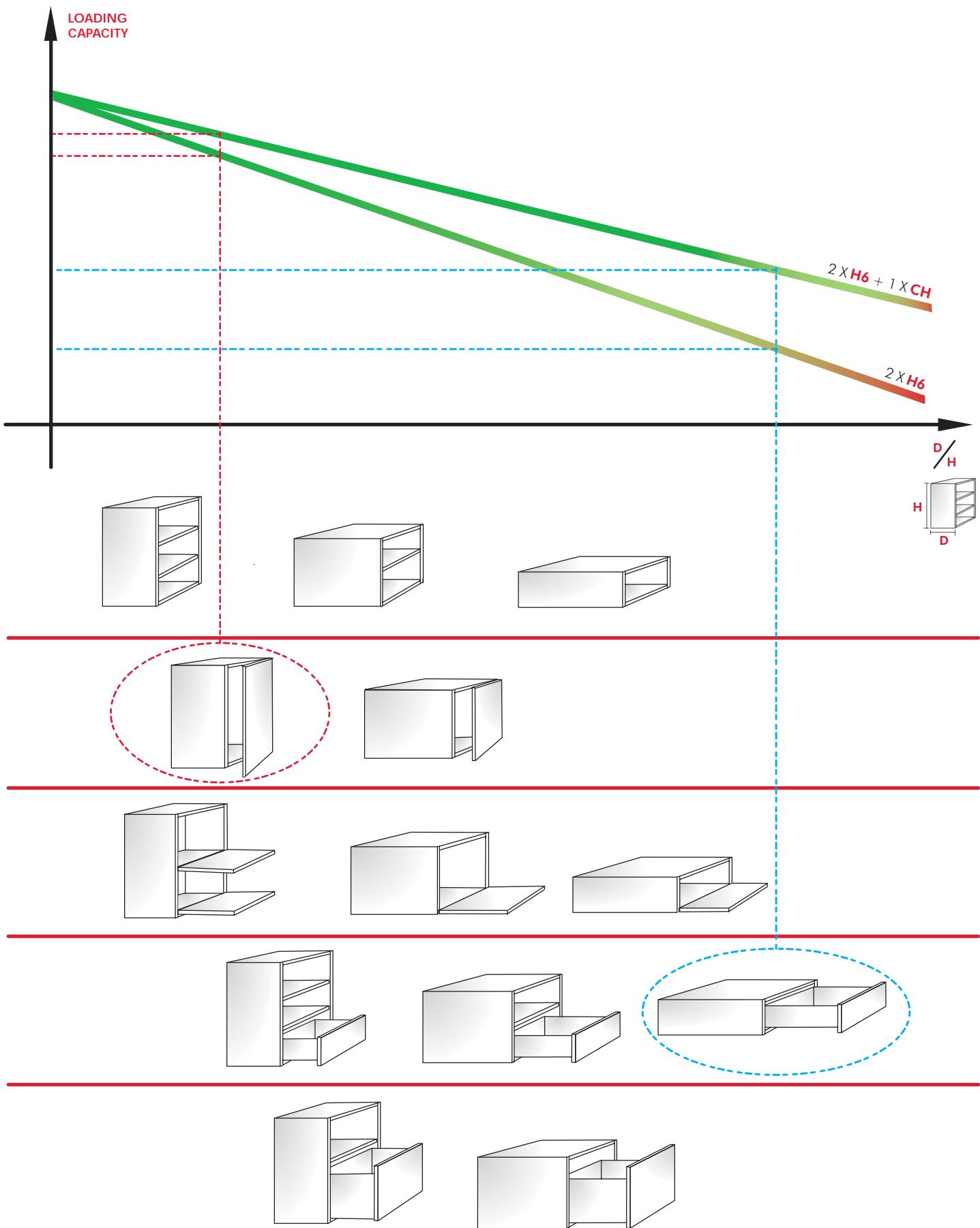
LIBRA CH



 = STRESS INTENSITY LEVEL ON THE WALL



By adding Libra CH to Libra H6, the loading capacity is more evenly distributed, thus sensibly reducing the stress intensity level on the wall.

DEMONSTRATION SCHEME : WHERE AND HOW TO USE LIBRA H6 AND LIBRA CH

LIBRA H7 and LIBRA CH LIVING SETTINGS

LIBRA H7



LIBRA CH

LIBRA H7 and LIBRA CH APPLICATIONS

BENEFITS OF LIBRA H7 AND LIBRA CH HANGING SYSTEMS:

- Vertical and in-depth adjustments, as well as the locking of the cabinet, can be easily and smoothly carried out from the inside.
- The hanging system is never interfering with the slides for drawers thanks to the slim side bracket wings.
- Absolutely no mills or grooves required on the side panels.

In the **current absence of a unifying European norm** which sets the standards for testing procedures aimed at defining loading capacitys of hanging systems conceived for suspended base units, we Italiana Ferramenta have simulated some of the most critical scenarios.

The following simulations are meant to give our customers valid reference points concerning cabinet dimensions, weights, recommended loading capacity even when loaded drawers are opened.

The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

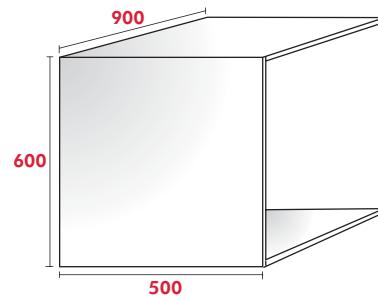
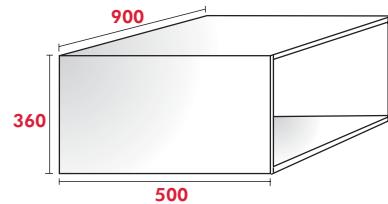
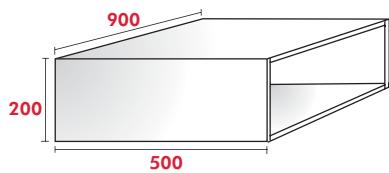
The customer must ensure that the wall is of suitable quality and structure.

Other important factors to be taken into consideration are determined by:

- the type of side panel, the actual thickness and the material used concerning the screw fixing.
- the type and dimensions of the screws used.
- the actual positioning, depth and width of the groove milled for the back side installation.
- the loading capacity of the drawer slides used as well as the actual construction of the drawer.

We always recommend to test a complete cabinet.

For cases which differ from the ones reported, please contact us.



| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H7 | LIBRA H7 + 1 LIBRA CH |
| Cabinet | 120 kg | 130 kg |
| Cabinet + drawer | 80 kg + 30 kg | 120 kg + 30 kg |

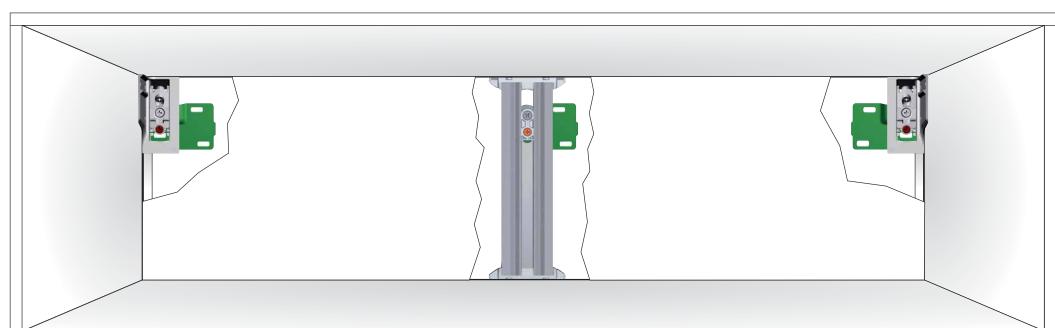
| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H7 | LIBRA H7 + 1 LIBRA CH |
| Cabinet | 180 kg | 230 kg |
| Cabinet + drawer | 150 kg + 30 kg | 180 kg + 30 kg |

| FURNITURE TYPE | LOADING CAPACITY | |
|------------------|------------------|-----------------------|
| | LIBRA H7 | LIBRA H7 + 1 LIBRA CH |
| Cabinet | 200 kg | 230 kg |
| Cabinet + drawer | 170 kg + 30 kg | 170 kg + 50 kg |

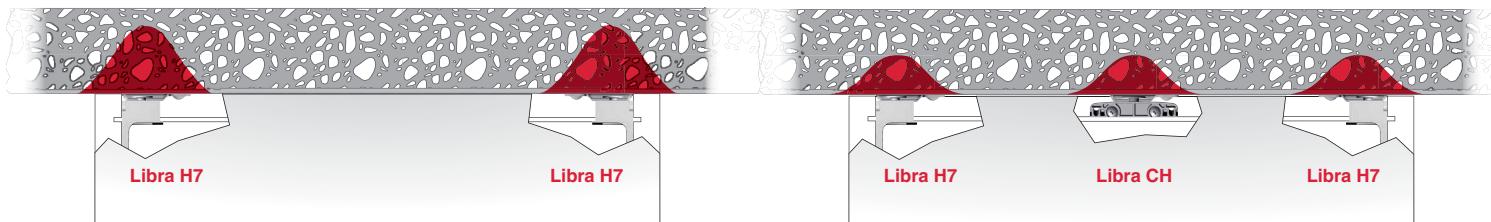
The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

LIBRA H7

LIBRA CH



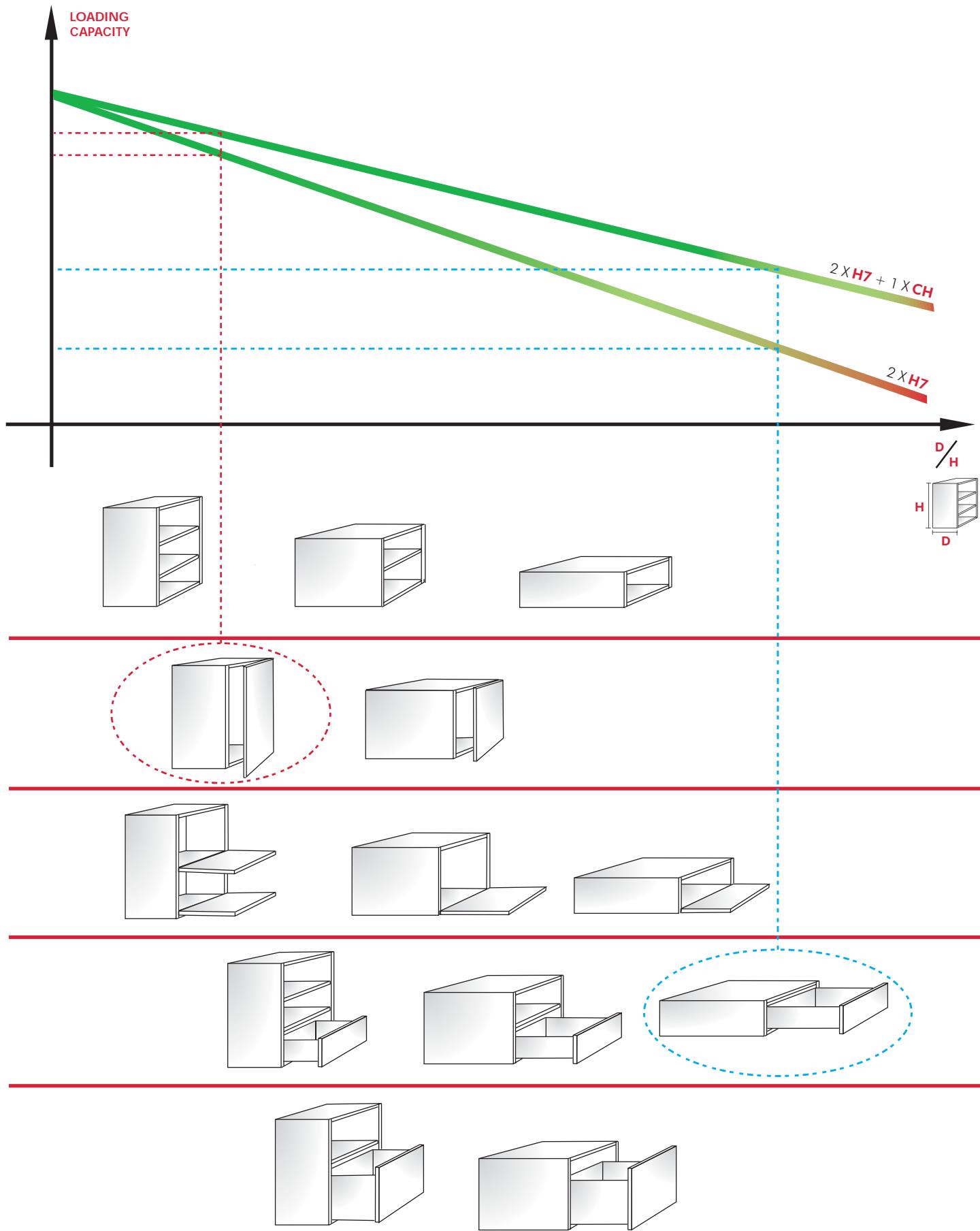
 = STRESS INTENSITY LEVEL ON THE WALL



For details refer to sections:

- LIBRA H7 SCREW FIXING (to be used without aluminium bar)
- LIBRA H7 DOWEL FIXING (to be used without aluminium bar).
- LIBRA CH

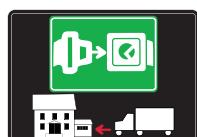
By adding Libra CH to Libra H7, the loading capacity is more evenly distributed, thus sensibly reducing the stress intensity level on the wall.

DEMONSTRATION SCHEME : WHERE AND HOW TO USE LIBRA H7 AND LIBRA CH




SYMBOLS AND FINISHES LEGEND

SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TUMOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= WITH BUFFER



= PART NO.



= BLADE SLOT



= WITH MAGNET



= PCS. PER PACKAGE



= COMBI SLOT



= NEWTON



= CAPACITY LOADING



= HEXALOBULAR SOCKET



= FRICTION



= WOOD / GLASS THICKNESS



= COUNTERSUNK HEAD



= AUTOMATIC



= HOLE DIAMETER



= PAN HEAD



= DROP DOWN



= DIAMETER



= FLANGE HEAD



= STANDARD HINGE



= LENGTH



= FLAT HEAD



= KIMANA HINGE



= HEIGHT



= TRILOBULAR SCREW



= FLAP HINGE



= RIGHT VERSION



= SELF-TAPPING SCREW



= WITH SPRING



= LEFT VERSION



= EURO THREAD



= WITHOUT SPRING



= SETTING CODE



= METRIC THREAD



= REVERSED SPRING



= PCS. PER PAD



= PRE-INSERTED SCREW



= PRE-INSERTED SCREW AND SPREADING BUSH



= CUT ON REQUEST



= WITH FLANGE



= SELF ADHESIVE

NOTE: Printing errors and omissions may exist despite our best efforts to ensure accuracy. We reserve the right to alter specifications without notice.

MATERIALS

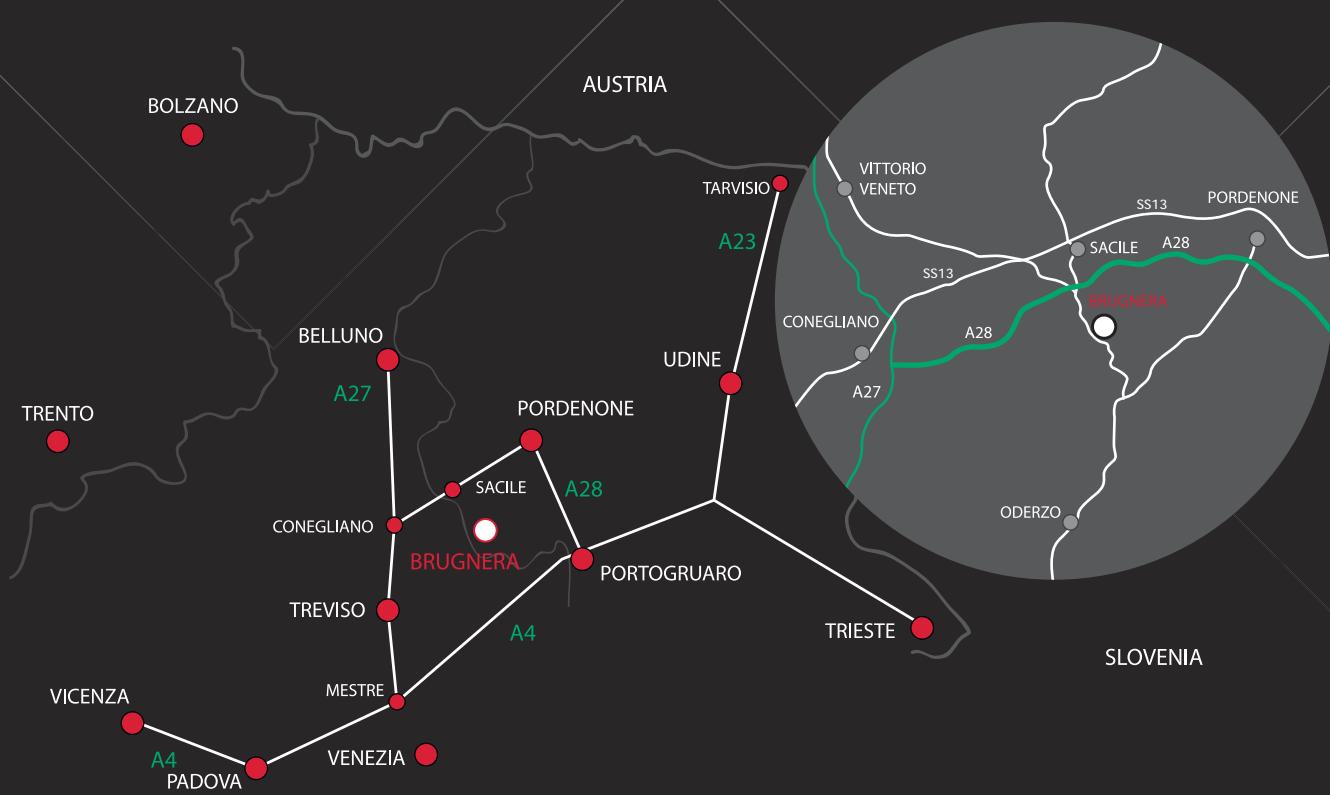
| | | | | | | | | | | | |
|---|----------------------------|--|---------------------|---|--------------------|--|---------|---|-----------------------------------|---|------------------------------|
|  ZA | = Zinc Alloy |  ST | = Steel |  HSS | = High Speed Steel |  BR | = Brass |  ABS | = Acrylonitrile Butadiene Styrene |  TPU | = Thermoplastic Polyurethane |
|  ZAnk | = Nickel-plated Zinc Alloy |  STzk | = Zinc-plated Steel |  AL | = Aluminium |  WD | = Wood |  EVA | = Ethylene Vinyl Acetate | | |

| | | | |
|--|-----------------------|--|--|
|  EP | = ENGINEERING PLASTIC |  SR | = SOFT RUBBER |
| +  = other engineering plastic available on request | | | +  = other soft rubber available on request |

| | | | | | |
|---|-------------------------------|--|----------------------------------|--|-----------------------|
|  EPn | = Natural Engineering Plastic |  EPc | = Clear Engineering Plastic |  SRn | = Natural Soft Rubber |
|  EPw | = White Engineering Plastic |  EPg | = Grey Engineering Plastic |  SRw | = White Soft Rubber |
|  EPb | = Black Engineering Plastic |  EPA | = Anthracite Engineering Plastic |  SRb | = Black Soft Rubber |

| | |
|---|---|
|  FINISHES |  OTHER FINISHES AVAILABLE ON REQUEST |
|---|---|

| PART NO. | FINISHES | PART NO. | FINISHES | PART NO. | FINISHES |
|----------|----------------------|----------|----------------------|----------|------------------------------|
| OO | Insignificant finish | IF | Grey 7 | XE | Inox |
| AA | Natural | IJ | Light Grey | YA | Nickel-plated |
| AB | White | IL | Grey 20 | YC | Matt Nickel-plated |
| AE | White 9010 | IN | Grey met. 26 | YD | Satin-finished Nickel-plated |
| EA | Black | JG | Aluminium 5 | YQ | Black Nickel |
| EC | Matt Black | JL | Aluminium PE 11 | Z9 | Black Zinc |
| EE | Anthracite | JM | Aluminium RAL 9006 | ZN | Zinc-plated |
| EW | Grey 9007 | KB | Bright Chrome | ZQ | Bright Gold |
| FU | Gunmetal | KC | Matt Chrome | ZZ | Clear/Transparent |
| FV | Gunmetal V52 | LD | Brown 8019 | | |
| GR | Zamak Raw | RO | Red | | |
| HA | Brass-Plated | UT | T-Met 9007 | | |
| HH | Tropicalized | UZ | T-Met | | |
| HL | Raw Brass | WA | Bronzed | | |
| HX | Graphite | WI | Burnished | | |
| IA | Grey | XD | Satin-finished Steel | | |



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