

The Lamello logo is a dark red oval with the word "Lamello" in white sans-serif font.

Lamello

Cabineo



Time-saving furniture connector
without edge drilling and with
very high clamping force

NEW

Cabineo 8 M6

The background of the advertisement shows a close-up of a light-colored wooden board being attached to a white surface using a white Cabineo connector. A brass-colored screw is visible through the connector. In the bottom right corner, another brass-colored screw is visible on the white surface.

*A strong connection.
Inspiring.*

Cabineo

Simple, Fast and Strong!

How it works



1. CNC – surface machining



2. Insert one-piece connector

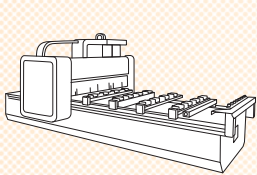


3. Deliver flat-pack

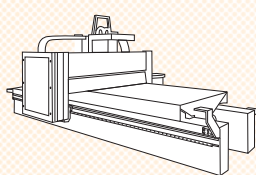


4. Connect the workpieces

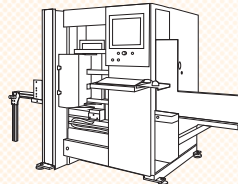
CNC-Connector – efficient machining with all CNC machines



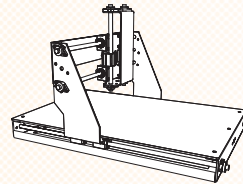
CNC processing centres with **consoles**



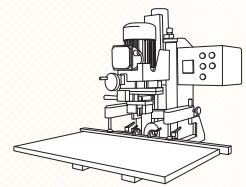
CNC processing centres with **nesting technology**



CNC processing centres **vertical**



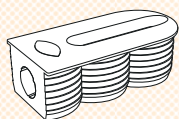
CNC router



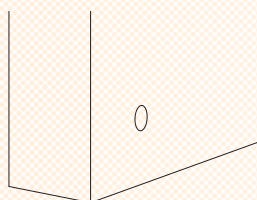
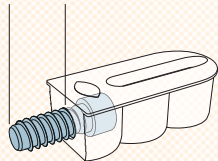
Drilling and insertion machines

Connector Range

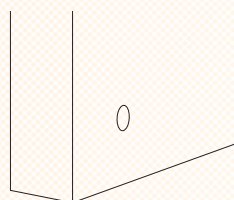
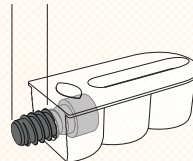
Cabineo



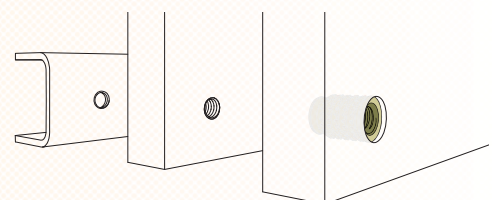
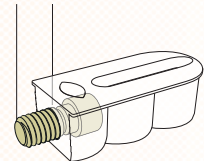
12



8

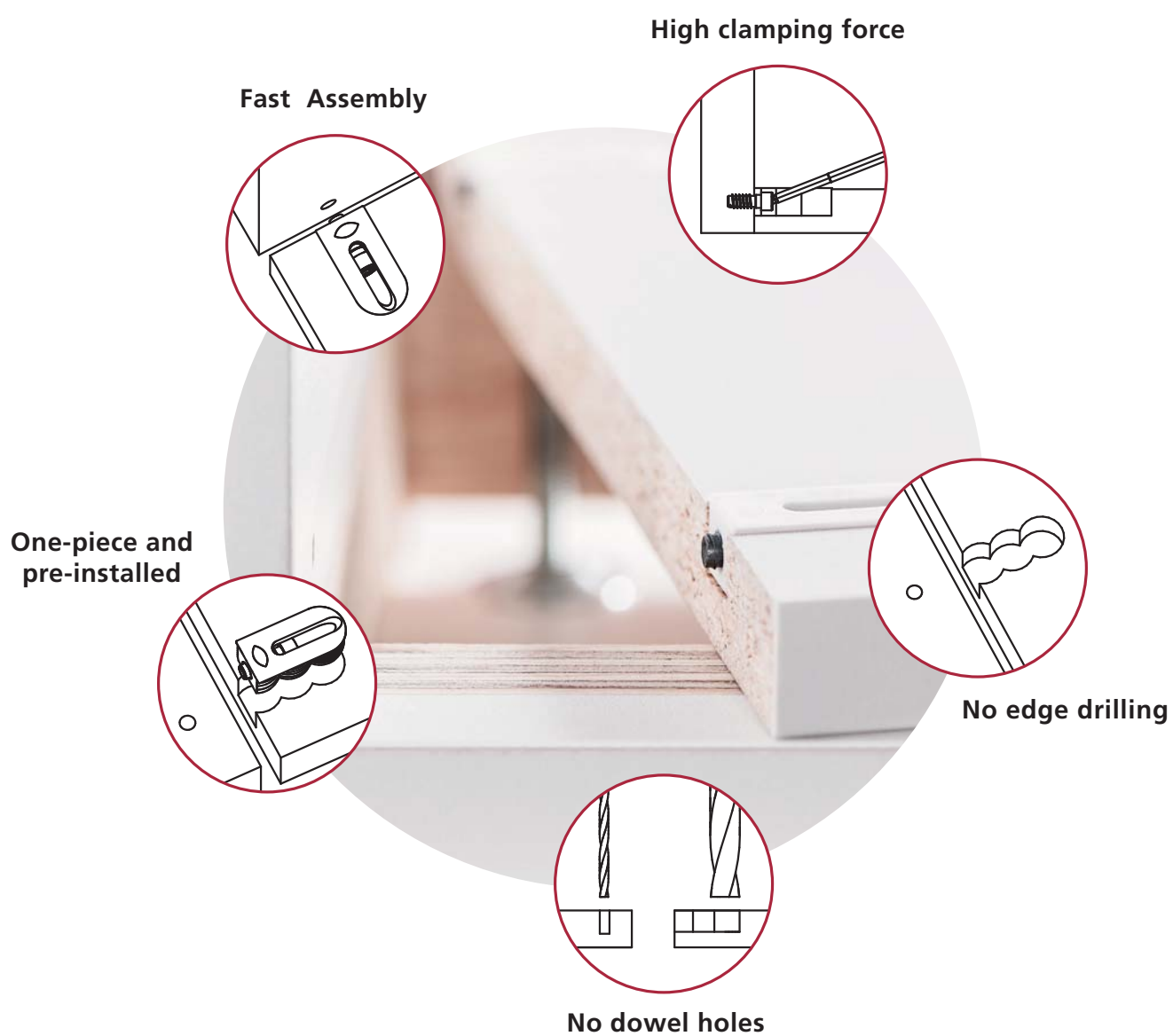


8 M6





Properties

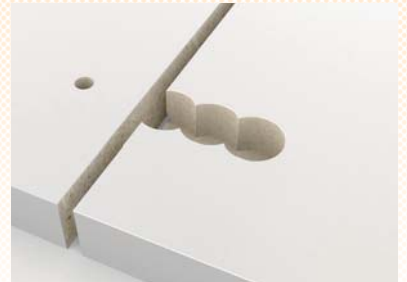


Advantages of Cabineo



1. Time-saving in production

- Optimised process due to surface machining; no edge drilling necessary
- Only one tool change from 5 mm to 15 mm drill; no tool change for the dowel hole drill necessary
- No dowel holes means less drill holes per connector
- Shallow element of 10 mm allows for panels from 12 mm thickness



No edge drilling



2. Time-saving in transportation

- Efficient pre-installation of the one-piece connector in the factory
- Flat-Pack delivery with pre-installed connectors
- No extra bags or loose hardware required with furniture shipment
- Detachable for transport or if the fixed shelves need adjusting



One-piece and preinstalled



3. Time-saving in the assembly

- One-piece connector without dowels; no pre-assembly of screws or dowels in the side panels necessary
- Easy positioning of the Cabineo in the corresponding hole due to the protruding screw
- Fast assembly with a cordless drill
- Installation of fixed shelves or vertical dividers in an already assembled unit



Fast Assembly

Comparison with cam and dowel

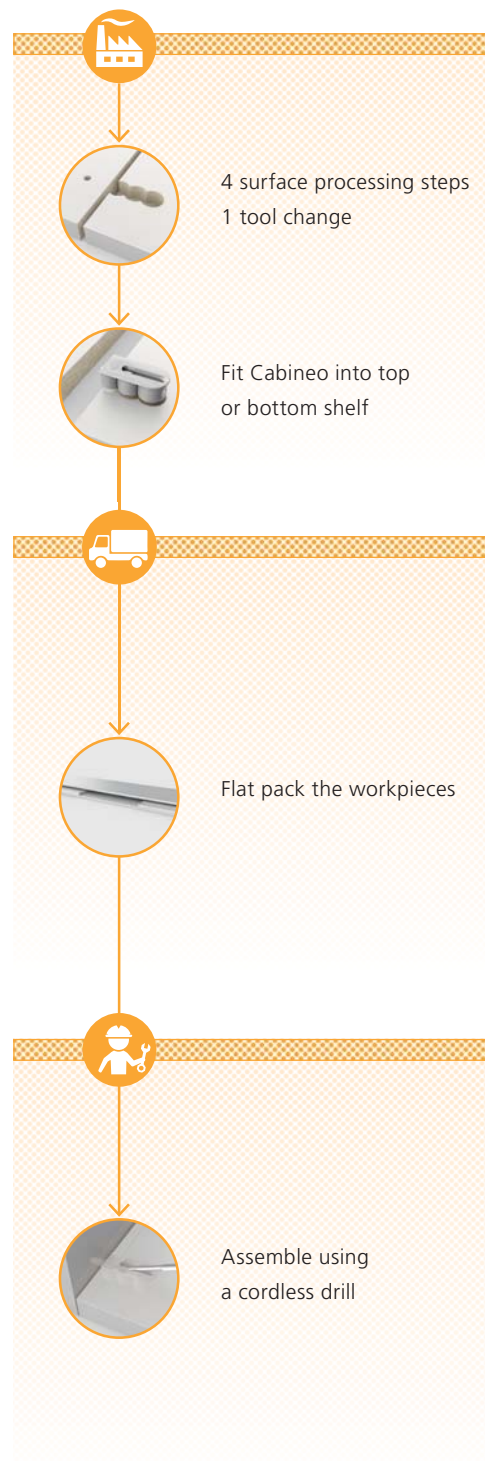
Manufacturing process with Cabineo



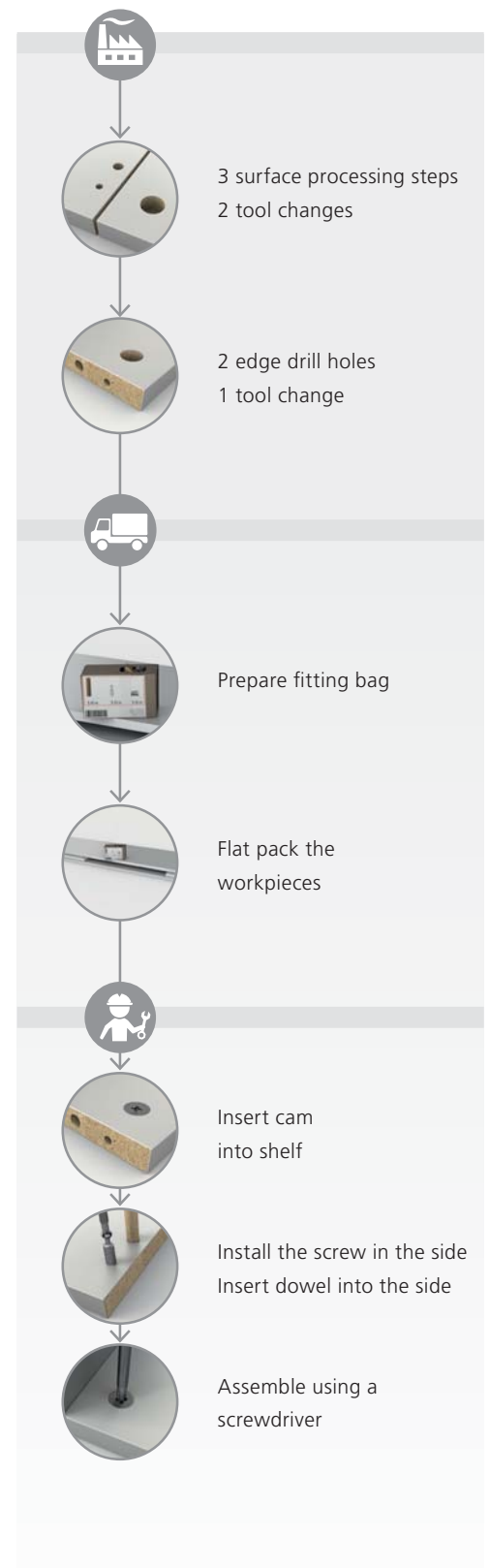
No dowel holes



Installation of fixed shelves in assembled units



Manufacturing process with cam

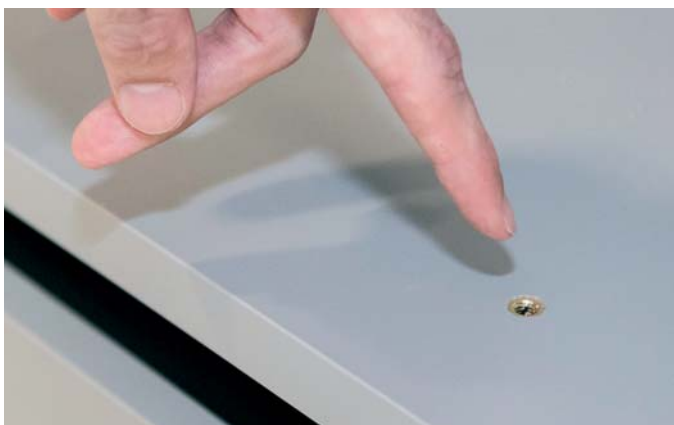


Cabineo – Machining

Kitchen fitting



Walk-in closets



Interior fitting



Shop fitting



Furniture manufacturing





“The ability to close and re-open a joint multiple times without wear is what I find most convincing with the Cabineo 8 M6. This product feature suits us very well because the interiors of our wardrobes are designed modularly and this makes the Cabineo 8 M6 our ideal joining solution.”

Mr Marcel Petrini, work preparation, Hans Rickenbacher AG in Läuelfingen, Switzerland

Cabineo

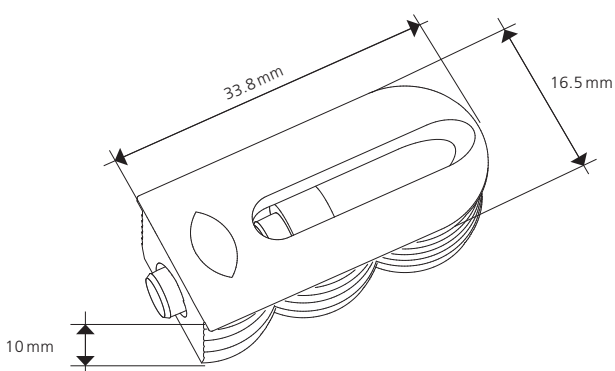


Time-saving furniture connector without edge drilling and with very high clamping force



Advantages and features

- **Process optimization due to clean surface machining;**
No horizontal boring required!
- **Reduced height of 10 mm** for panel thicknesses of 12 mm or more
- **One-piece connector without dowel;** no need for preassembly of screws or dowels in the side sections
- **Flat-pack delivery** with preassembled connectors
- **Possible disassembly** for transportation or if the fixed shelves need to be adjusted
- **Possibility of retroconnector fixed shelves** or vertical partitions in a cabinet that has already been installed



Technical data

Size.....	33.8 × 16.5 × 10.8 mm
Cutter.....	Ø 12 mm or smaller
Drill.....	Ø 5 mm and Ø 15 mm
Material housing	Fibre-glass reinforced plastic
Installation tolerance	Longitudinal ± 0.1 mm

Cabineo 12

For dividing panels from 24 mm
and corner joints from 13 mm



Cabineo 12
Screw length 12 mm

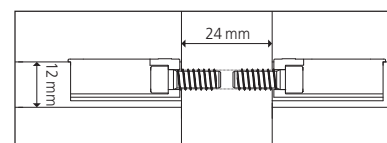
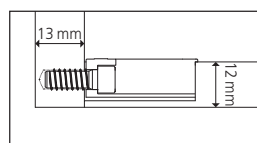


Cabineo 12 black
Screw length 12 mm

Technical values without dowel

Particle board 19 mm	Cabineo 12
Tensile strength	900 N or 200 lb
Shear strength	850 N or 190 lb
Clamping force	900 N or 200 lb
10 N ~ 1 kg	

Cabineo 12	Part no.
Cabineo Starter Set, Cabineo 8 + 12 (40 pcs each), incl. Cabineo hex bit and set of cover caps (40 pcs)	186305
Cabineo 12, 500 pcs.....	186320
Cabineo 12, 2000 pcs.....	186321
Cabineo 12 black, 500 pcs.....	186330
Cabineo 12 black, 2000 pcs.....	186331



Cabineo 8

For dividing panels from 16 mm
and corner joints from 12 mm



Cabineo 8
Screw length 8 mm

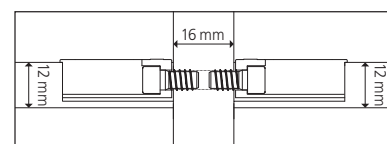
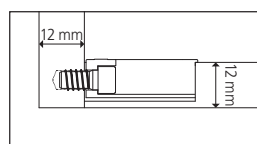


Cabineo 8 black
Screw length 8 mm

Technical values without dowel

Particle board 19 mm	Cabineo 8
Tensile strength	500 N or 110 lb
Shear strength	550 N or 120 lb
Clamping force	500 N or 110 lb
10 N ~ 1 kg	

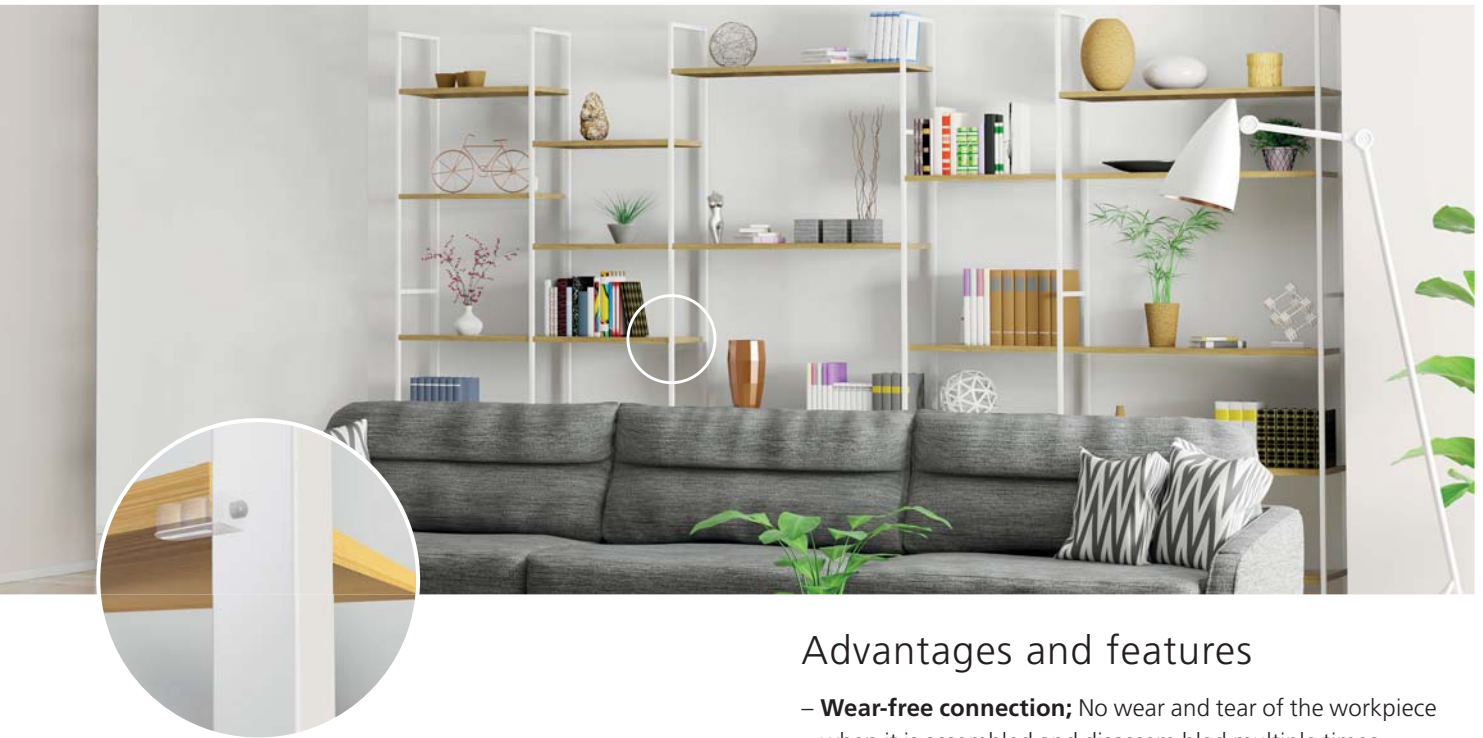
Cabineo 8	Part no.
Cabineo 8, for dividing panels, 500 pcs.....	186310
Cabineo 8, for dividing panels, 2000 pcs.....	186311
Cabineo 8 black, for dividing panels, 500 pcs.....	186340
Cabineo 8 black, for dividing panels, 2000 pcs.....	186341



Cabineo 8 M6



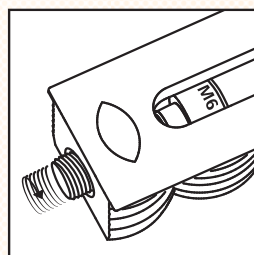
Wear-resistant cabinet connector for various materials and increased strength



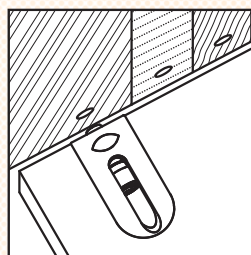
Advantages and features

- **Wear-free connection;** No wear and tear of the workpiece when it is assembled and disassembled multiple times
- **Various materials;** The Cabineo 8 M6 can be screwed directly into the material via a M6 tapped hole (HPL, aluminium, steel, etc.)
- **High clamping force;** In dividing panels, the screws reach into the same insert nut from both sides
- **Increased strength in various materials** insert nut reaches deep into the material
- **Damage-free,** even after test installation
- **Same connector** for all joining situations

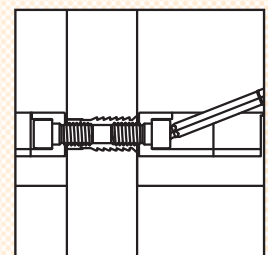
Cabineo 8 M6 advantages



Wear-free connection



Various materials



High clamping force

Cabineo 8 M6



Cabineo 8 M6
Screw length 8 mm
with M6 thread



Cabineo 8 M6 black
Screw length 8 mm
with M6 thread

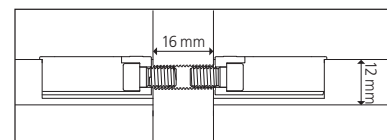
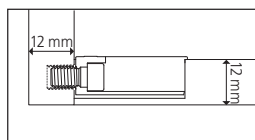
Strength per connector without dowel (N)

In HPL 12 mm	Cabineo 8 M6
Tensile strength	1700
Shear strength	1000
Clamping force	1700
10 N ~ 1 kg	

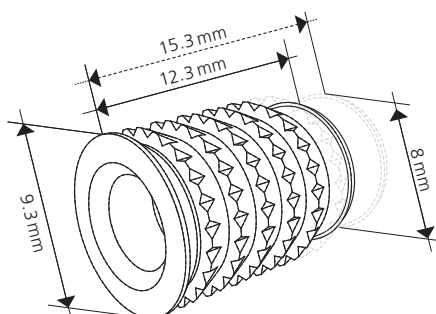
Cabineo 8 M6

Part no.

Cabineo 8 M6 starter set, Cabineo 8 M6 (80 pieces), insert nut and cover caps (40 pieces each), Cabineo insert nut tapping aid (1 piece), Cabineo hex bit 1/4" (1 piece)	186306
Cabineo 8 M6, metric thread M6, 500 pcs	186315
Cabineo 8 M6, metric thread M6, 2000 pcs	186316
Cabineo 8 M6 black, metric thread M6, 500 pcs	186345
Cabineo 8 M6 black, metric thread M6, 2000 pcs	186346



Cabineo insert



Cabineo insert nut M6 x 12.3
for material thickness 14–16 mm



Cabineo insert nut M6 x 15.3
for material thickness 17–25 mm

Technische Daten

Size	12.3 / 15.3 x 9.3 x 9.3 mm
Thread	M6
Drill hole	Ø 8 mm
Material	Brass
Installation tolerance	Longitudinal ± 0.1 mm

Strength per connector without dowel (N)

Particle board 19 mm	Muffe M6 x 12.3	Muffe M6 x 15.3
Tensile strength	750	900
Shear strength	1050	1200
Clamping force	750	900
10 N ~ 1 kg		

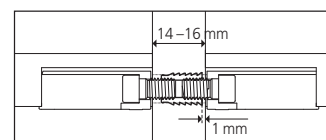
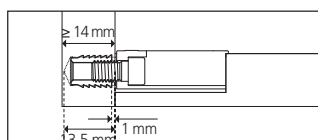
Cabineo insert M6

Part no.

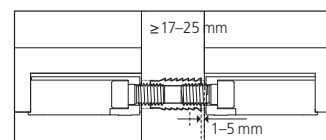
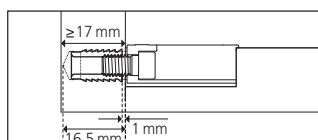
Cabineo insert nut M6 x 12.3*, mat. 14–16 mm, 100 pcs	186370
Cabineo insert nut M1 26x12.3*, mat. 14–16 mm, 500 pcs	186371
Cabineo insert nut M6 x 15.3*, mat. 17–25 mm, 100 pcs	186375
Cabineo insert nut M6 x 15.3*, mat. 17–25 mm, 500 pcs	186376
Cabineo tapping aid for insert nut	276310

*Incl. 1 piece Cabineo tapping aid for insert nut

Ab 14 mm Material: insert M6 x 12.3



Ab 17 mm Material: insert M6 x 15.3



Drilling systems

“The Cabineo saves time – machining and assembly takes seconds, which significantly impacts the production chain.”

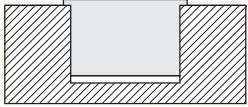
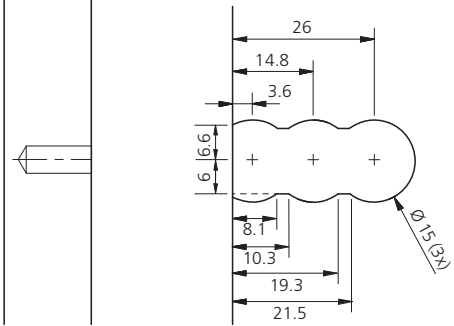
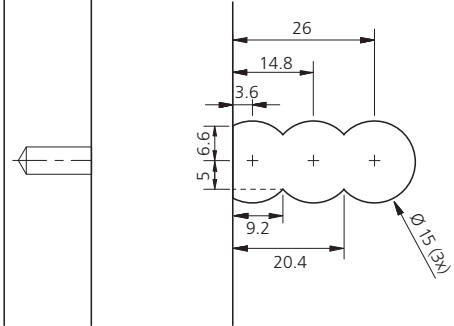
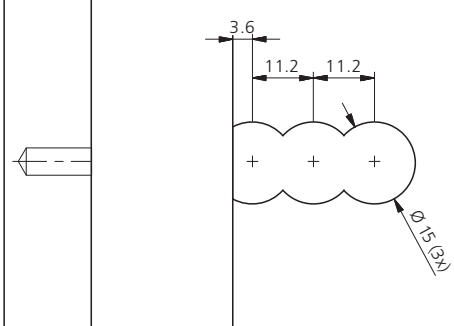
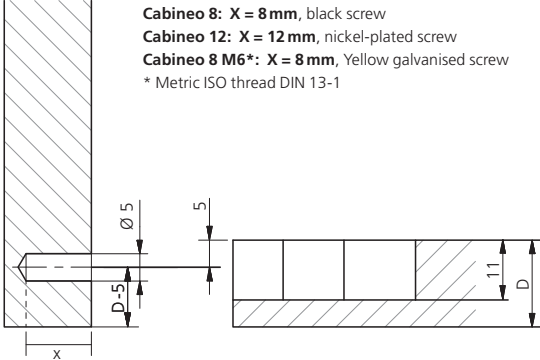
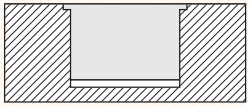
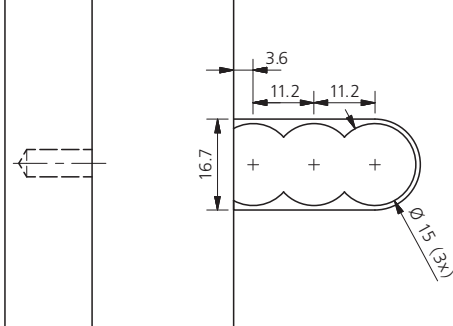
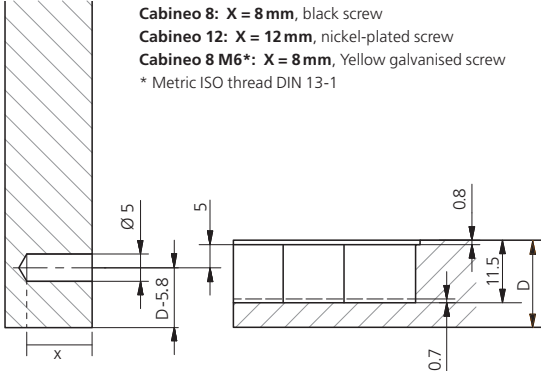
Mr Christoph Büchi, director, carpentry Büchi AG in Liestal, Switzerland



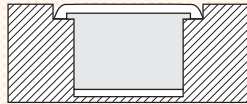


Technical requirements

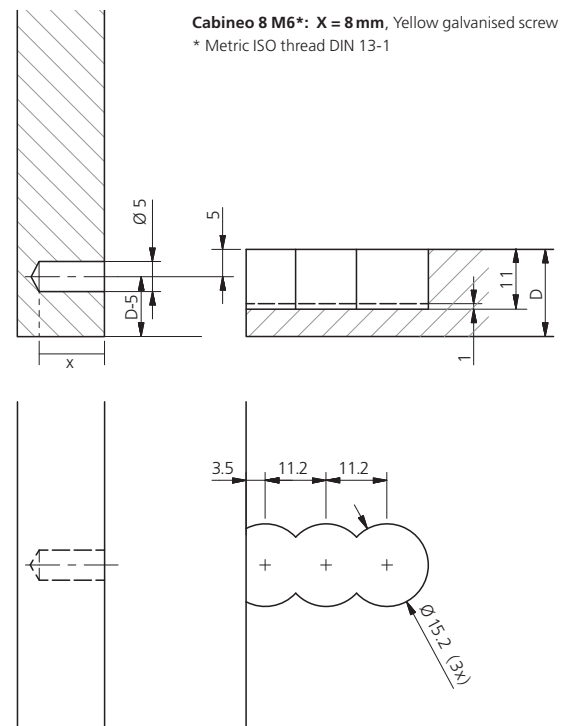
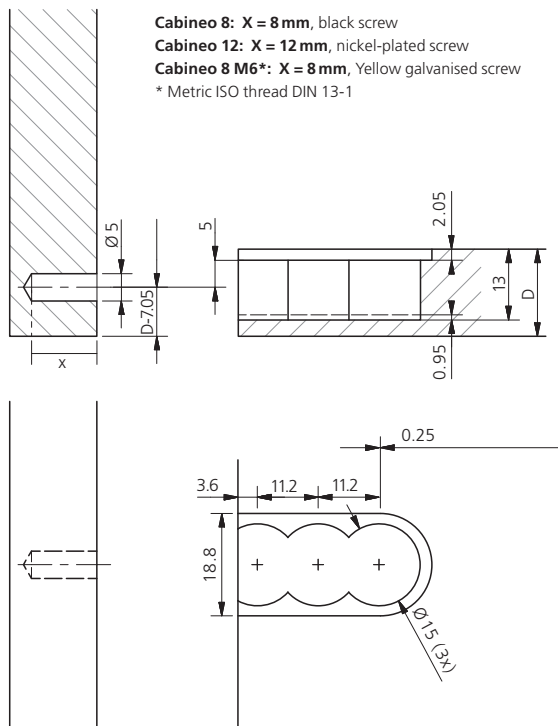
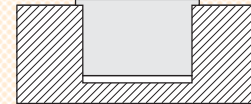
Machining Cabineo All details in mm

Installation options	On the surface	Flush with the surface
Machining options	<div></div> <div><p>Cabineo 8: X = 8 mm, black screw Cabineo 12: X = 12 mm, nickel-plated screw Cabineo 8 M6*: X = 8 mm, Yellow galvanised screw * Metric ISO thread DIN 13-1</p></div>	<div></div> <div><p>Cabineo 8: X = 8 mm, black screw Cabineo 12: X = 12 mm, nickel-plated screw Cabineo 8 M6*: X = 8 mm, Yellow galvanised screw * Metric ISO thread DIN 13-1</p></div>

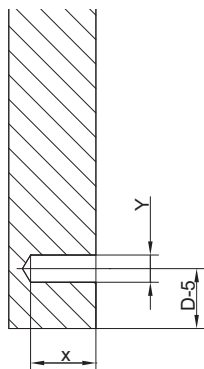
Flush cover cap



HPL on the surface



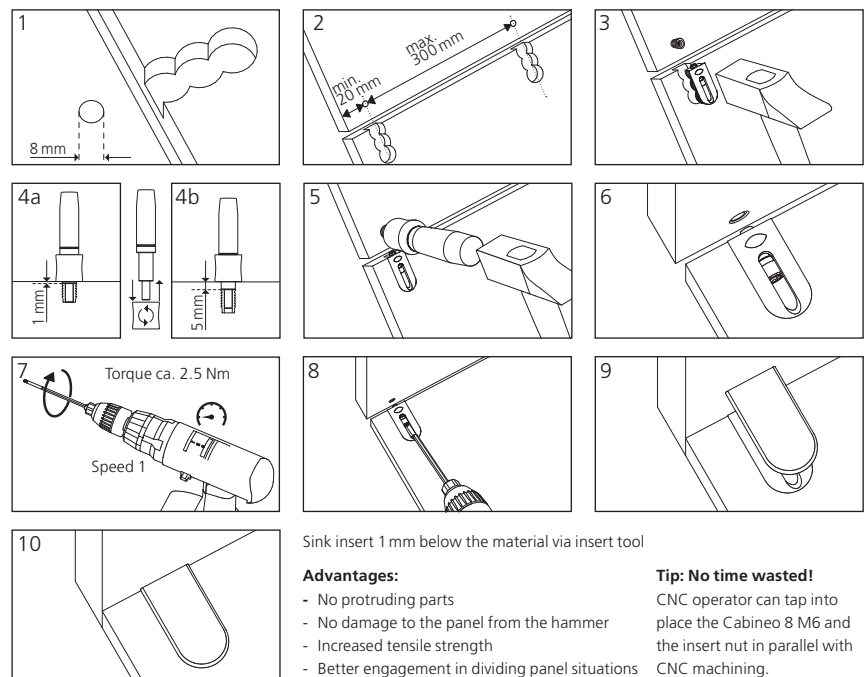
Machining Cabineo Insert



	X [mm]	Y = Ø [mm]
Cabineo 8 M6*	8	5
Insert M6 × 12.3	13.5	8
Insert M6 × 15.3	16.5	8

* Metric ISO thread DIN 13-1

Assembly



Clever assembly



Flatpack workpiece delivery with pre-assembled connector.



Place furniture side on base. The element is correctly positioned by the protruding screw.



Join furniture elements with cordless screwdriver and Cabineo tool. Easy, fast working with preset torque about 2.5 Nm.



Position top and push towards the furniture side.



Screw front corner in place with a cordless screwdriver. This makes one-man assembly easy.



After assembly, fasten the fixed intermediate shelves in the required positions.



Tip:

- Place one side of the shelf on the shelf support and fasten the other side
- Retract the screw to facilitate installation.

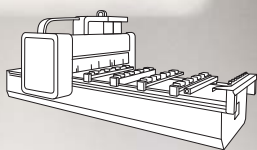
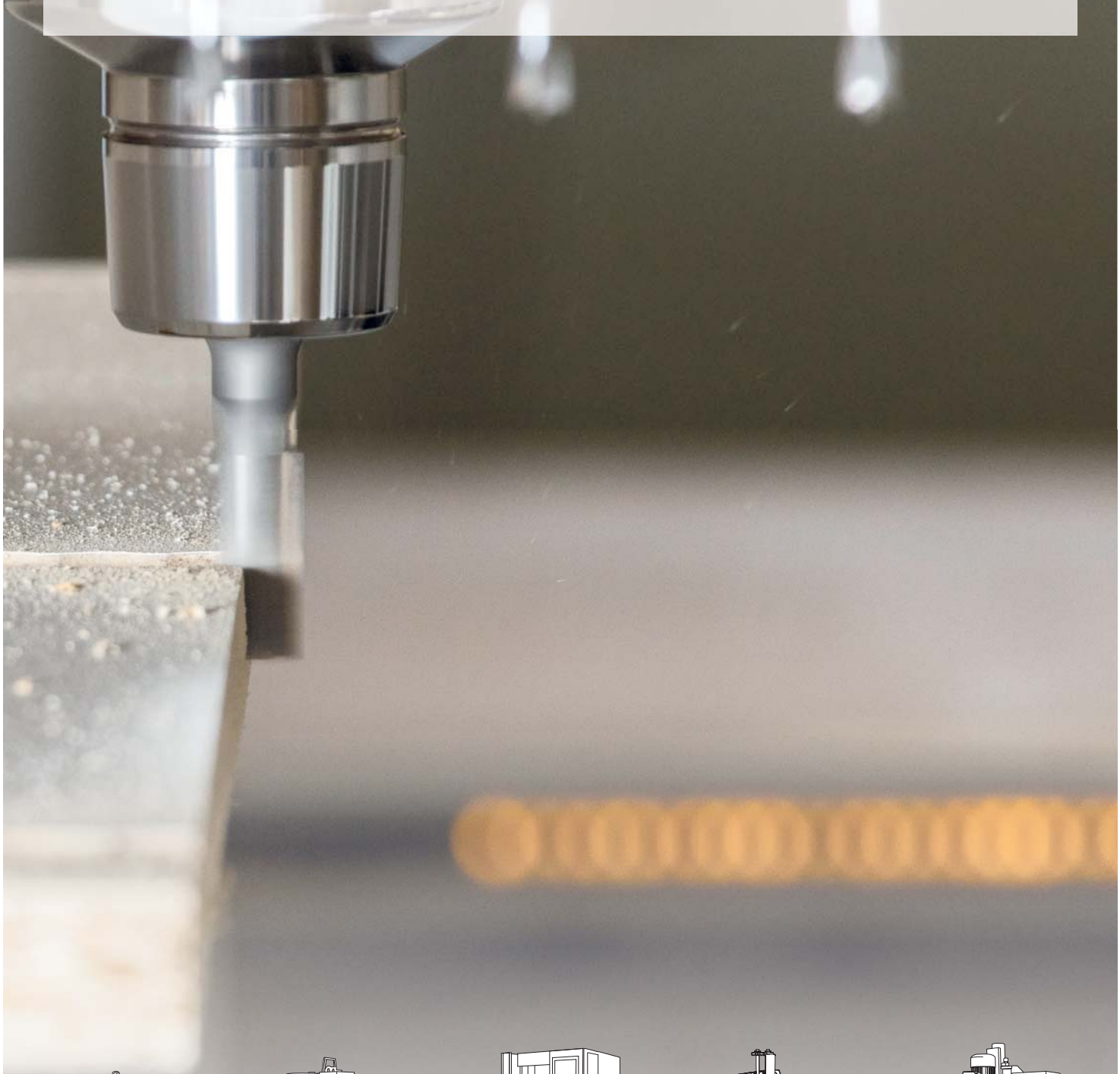


If required, use cover caps on the Cabineo.

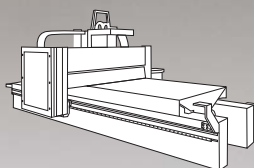


CNC connector

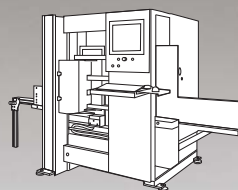
efficient machining with all CNC machines



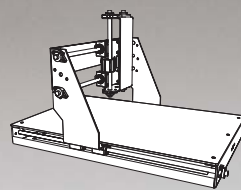
CNC processing centres
with **consoles**



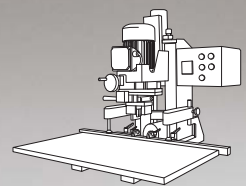
CNC processing centres
with **nesting technology**



CNC processing centres
vertical



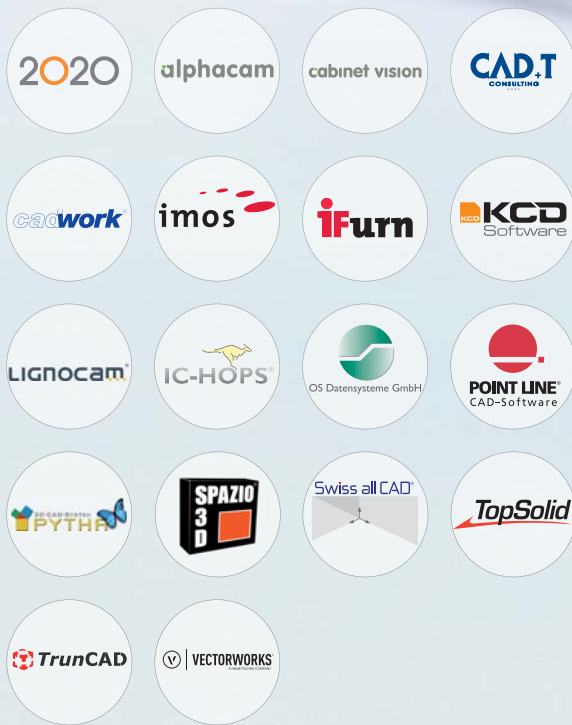
CNC **router**



**Drilling and insertion
machines**



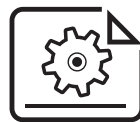
CAD/ERP/CAM Software



CNC machine

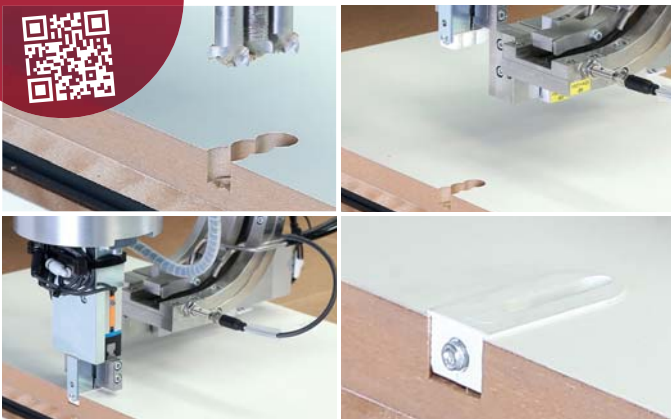


Our partners offer options for a particularly efficient installation of Lamello's Cabineo



CNC machine

New Homag
video showing the
Cabineo insertion



Homag CENTATEQ N-600

Homag has developed the unmanned installation of the Cabineo connector on its nesting CNC machine CENTATEQ N-600. First, the multi spindle aggregate from Benz creates the drill shape, consisting of 3 drill holes, in one plunge. Once the panels are cut to size, the machine will commence with the fully automated insertion of the Cabineo into the board.

New Gannomat
video showing the
Cabineo insertion



Gannomat Basica Variabel 0194

Firstly, the 3 spindle aggregate drills the 15 mm drill holes in one plunge. Following this, the Cabineo is held by an insertion aggregate and pressed into the board. The 5 mm holes for the Cabineo screw are drilled either with the the boss hinge or the 11 spindle 32 mm row hole aggregate.



Benz Multi V3 Cabineo

Benz has developed a 3 spindle aggregate to drill the holes for the Cabineo in one plunge. This reduces the production time to 1–2 seconds. The machining process can be programmed during CAD planning.



Atemag Vertineo Function Line

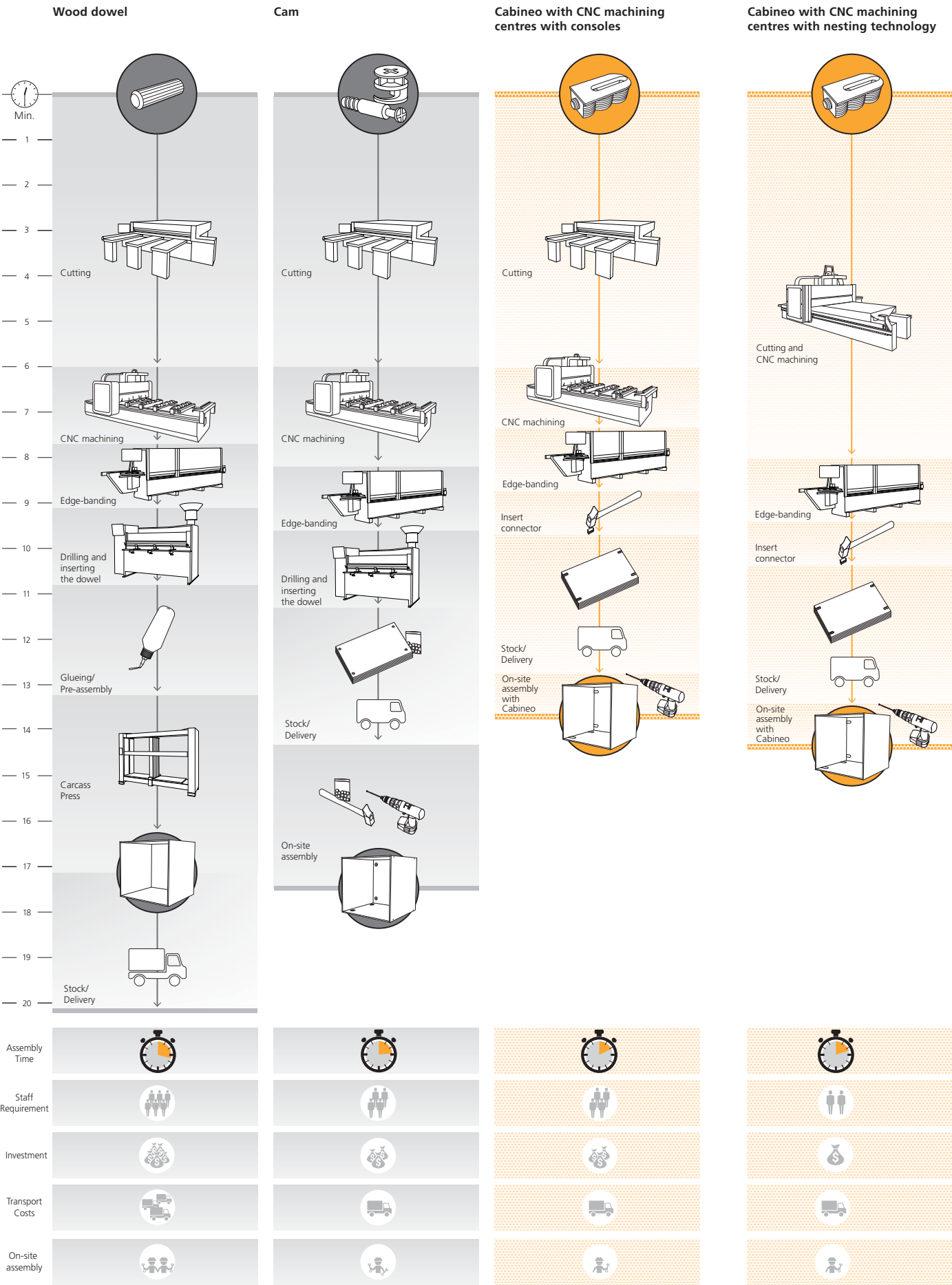
Atemag has developed an aggregate for the efficient machining of the three Cabineo drill holes in one process step.



Leuco triple drill set

The three intertwining drills for the Benz Multi V3 aggregate have been developed by Leuco.

Examples of manufacturing processes



Cabineo articles



186310



186315



186320



186340



186345



186330



186370



186375



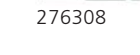
276310



256300



276312



276308



136312



136310



136311



136314



136315



186350W

Cabineo articles

Part no.

Cabineo Starter Set, Cabineo 8 + 12, 40 pcs each, Cabineo tool with handle, cover caps (40 pcs).....	186305
Cabineo 8 M6 starter set, Cabineo 8 M6 (80 pcs), insert nut and cover caps (40 pcs each), Cabineo insert nut tapping aid (1 piece), Cabineo hex bit 1/4" (1 piece).....	186306
Cabineo 8, for dividing panels from 16 mm, 500 pcs.....	186310
Cabineo 8, for dividing panels from 16 mm, 2000 pcs.....	186311
Cabineo 8 M6, metric thread M6, 500 pcs.....	186315
Cabineo 8 M6, metric thread M6, 2000 pcs.....	186316
Cabineo 12, 500 pcs.....	186320
Cabineo 12, 2000 pcs.....	186321
Cabineo 8 black, for dividing panels from 16 mm, 500 pcs.....	186340
Cabineo 8 black, for dividing panels from 16 mm, 2000 pcs.....	186341
Cabineo 8 M6 black, metric thread M6, 500 pcs.....	186345
Cabineo 8 M6 black, metric thread M6, 2000 pcs.....	186346
Cabineo 12 black, 500 pcs.....	186330
Cabineo 12 black, 2000 pcs.....	186331

Cabineo insert nut M6

Part no.

Cabineo insert nut M6 × 12.3*, mat. 14–16 mm, 100 pcs.....	186370
Cabineo insert nut M6 × 12.3*, mat. 14–16 mm, 500 pcs.....	186371
Cabineo insert nut M6 × 15.3*, mat. 17–25 mm, 100 pcs.....	186375
Cabineo insert nut M6 × 15.3*, mat. 17–25 mm, 500 pcs.....	186376
Cabineo tapping aid for insert nut.....	276310

*Incl. 1 piece Cabineo tapping aid for insert nut

Cabineo installation tool

Part no.

Cabineo tool with handle.....	256300
Cabineo hex bit.....	276312
Cabineo hex bit 1/4" GL 80 mm.....	276308
Cabineo hex bit 1/4" GL 80 mm, 100 pcs.....	276309

Cabineo drill / cutter

Part no.

Cabineo drill Ø 15 mm with short centering point 0.8mm.....	136312
Cabineo cutter Ø 10 mm.....	136310
Cabineo cutter Ø 12 mm.....	136311
Cabineo drills for aggregate Ø 15 mm RL carbide tipped.....	136314
Cabineo drills for aggregate Ø 15 mm LL carbide tipped.....	136315

Cabineo cover caps

Part no.

Part no.

		100 pcs	2000 pcs
Signal white.....RAL 9003		186350S	186351S
Pure white.....RAL 9010		186350W	186351W
Papyrus white.....RAL 9018		186350P	186351P
Light ivory.....RAL 1015		186350H	186351H
Brown beige.....RAL 1011		186350B	186351B
Fawn brown.....RAL 8007		186350R	186351R
Mouse grey.....RAL 7005		186350F	186351F
Window grey.....RAL 7040		186350A	186351A
Jet black.....RAL 9005		186350T	186351T
Metal look.....silver		186350C	186351C
Metal look.....nickel		186350N	186351N
Metal look.....dark steel		186350D	186351D



Manufacturer:

Lamello AG
Joining technology
Hauptstrasse 149
CH-4416 Bubendorf
Tel. +41 61 935 36 36
Fax +41 61 935 36 06
info@lamello.com
www.lamello.com