



# JOINTING

Product range

**FESTOOL**  
Tools for the toughest demands

# Every wood joint has its advantages. The **DOMINO** jointing system combines them all.

In fact, there are so many innovations that have been developed based on a spontaneous idea. The new DOMINO jointing system, in contrast, was borne from the principle of further thinking. Further thinking in terms of a wood joint which combines the advantages of all existing systems in one: the undisputed stability of tongue and groove joints, the flexibility of flat dowels used in furniture construction and also the precision of round dowels used in the construction of frames and frame parts.

We discovered the key to this in the patented pendulum cutter motion and the resulting elongated holes for holding the specially shaped DOMINO. For a universal and new wood jointing system that impresses with maximum stability. This is simple to use and has considerably shorter tooling times and can even be used for activities which up to now were mainly completed using stationary machines.

The fact that today we have not only convinced many tradesmen and also succeeded in impressing them reflects how successful this has been for us. With one idea the next decisive step was accomplished. For wood joints that are as unique as the DOMINO jointing system itself.

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#### Pendulum cutting principle

Unique for hand machines and patented by Festool: the cutting motion of the DOMINO joiner DF 500. The parallel turning and pendulum motion of the cutting tool makes possible smooth work and holes with no scorch marks. The cutters do not overheat thanks to the pendulum motion, which results in an extremely long service life.



#### Special service

With each warranty application Festool customers automatically receive an extra service: the Festool Service. Starting with an extended warranty of 3 years for each new device, a reliable supply of spare parts for 7 years, to the exceptionally quick repair service. More information on the Festool Service and all related benefits can be found at [www.festool.co.uk/service](http://www.festool.co.uk/service)



#### Quality tools "Made in Germany"

Many of our tools have already been in use for over 30 years. This is no coincidence but a logical consequence of careful development and production - "Made in Germany". Our products live up to the promise: tools for the toughest demands.

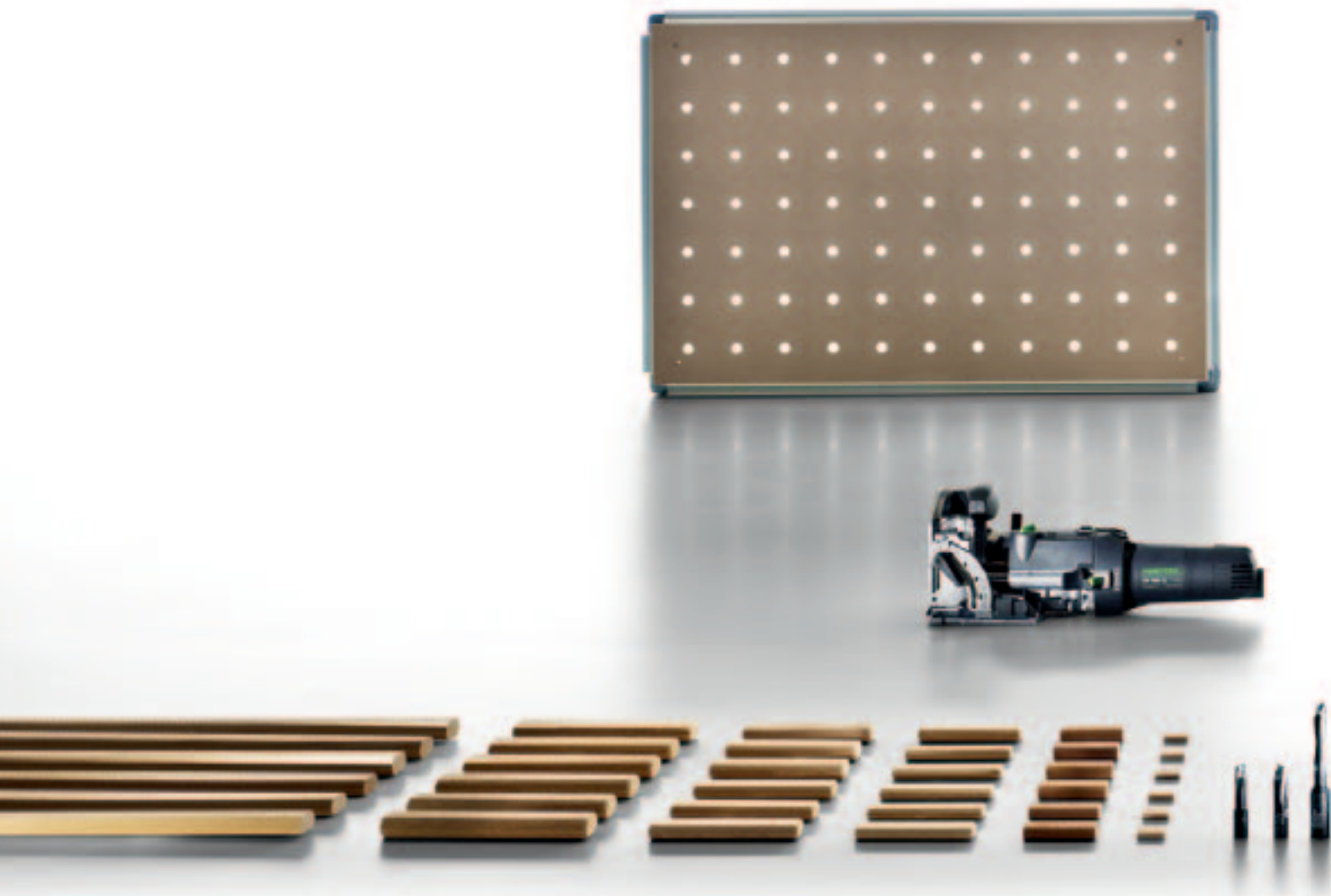


#### Elongated hole principle

Custom-fit alignment: The first DOMINO is positioned over an exact elongated hole, the next DOMINOS are fitted over wider holes with play - the joint can thus be aligned effortlessly. The result is a stable joint, secure from the first dowel.



Because things **work better** when everything fits together.



## Systems get it done.

Whoever aspires to be good needs the perfect tool. Whoever wants to be better needs a system. A system in which accessories and consumable materials go hand in hand with the tools. A system that represents more order and organisation. And which gives added value with each investment.

A system that only has one goal: to achieve more success even more quickly and easily.

## System = Added value

Save space and money – for example by coordinated accessories: handrail fence, trim stop and cross stop can be used for both the DF 500 and DF 700. And both machines are compatible in the dowel diameters 8 and 10 mm.



### System = Continuous work process

More efficient work with smooth work processes: Trim stop and handrail fence enables a rapid solution for working with narrow or round work-pieces. The cross stop is also practical – repeat hole spacings are quickly transferred and errors eliminated. The appropriate cutters can be used quickly and easily.

### System = Better organised

Quick access to all work materials: The tools and accessories are stored and kept tidy in the SYSTAINER, and are also protected. There is a special dowel Systainer for the dowels with flexible compartment division for all dowel sizes. SYSTAINERS can be conveniently connected to Festool mobile dust extractors to create a mobile workplace which can be individually arranged.

## DOMINO DF 500 joining machine

# More precise jointing.

The DOMINO DF 500 is particularly handy and offers almost unlimited jointing possibilities. No matter whether it is panel or cabinet construction, for light frame or frame part joints – the DF 500 impresses with maximum precision and simple handling.

- ▶ Diverse use with dowel sizes of 4 x 20 mm to 10 x 50 mm
- ▶ Quick and precise positioning of the machine without marking – thanks to integrated stop flaps
- ▶ Quick adjustment of the cutting height and depth for various material thicknesses
- ▶ Precise mitre routing with stop or infinitely variable cutting angle settings



Technical data	DF 500
Power consumption	420 W
Idle engine speed	24,300 rpm
Depth stop for routing depth	12, 15, 20, 25, 28 mm
DOMINO slot cutter Ø	4, 5, 6, 8, 10 mm
Routing height adjuster with scale	5–30 mm
Movable stepped stop	16, 20, 22, 25, 28, 36, 40 mm
Mitre routing	0–90°
Connection Ø d/e	27 mm
Weight	3.2 kg

Scope of delivery | Order numbers from page 15



For system accessories and consumables  
see from page 14



Panel joints are quickly created using the DOMINO system. The custom-fit dowels align the workpiece optimally and prevent the mitre slipping when gluing.



Frame corners are already secure and have a stable connection from the first DOMINO.



Thanks to the minimal distance (10 mm) between the base plate and cutter centre the DOMINO joining machine can be connected at various points.



Also thin workpieces from 12 mm can be easily connected – ideal for the sides of drawers.

# DOMINO XL DF 700 joining machine

## Extra mobile. **Extra stable.**

Comes to the workpiece and not vice versa: DOMINO XL. Quick, simple, precise and extremely stable – with measurably shorter tooling times and up to 50 percent time-saving compared to stationary machines. For these reasons the DOMINO XL is perfect for furniture and door construction and the creation of solid wood joints.

- ▶ Maximum stability of joints up to a dowel size of 14 x 140 mm
- ▶ Variable routing depth setting of 15–70 mm
- ▶ Quick adjustment of the cutting height for various material thickness
- ▶ Precise mitre routing with stop or infinitely variable cutting angle setting
- ▶ Smooth cutting even in hard wood – thanks to high passage strength and DOMINO pendulum cutting principle



# DF 700

Technical data	DF 700
Power consumption	720 W
Idle engine speed	21,000 rpm
Depth stop for routing depth	15–70 mm
DOMINO slot cutter Ø	8, 10, 12, 14 mm
Routing height adjuster with scale	10–50 mm
Movable stepped stop	10, 15, 20, 25, 30, 40 mm
Mitre routing	0–90°
Connection Ø d/e	27 mm
Weight	5.2 kg

Scope of delivery | Order numbers from page 15

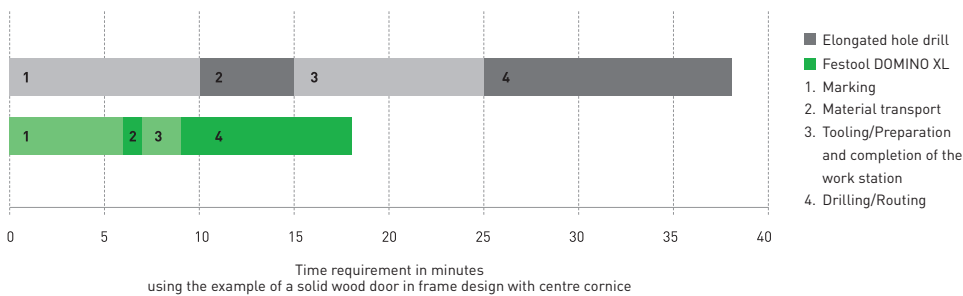




For system accessories and consumables see from page 14



Innovative impact system: With the integrated impact pins of the DF 700 dowel groups can also be quickly and precisely positioned right from a reference edge.



Save time: With the DOMINO XL you work up to 50% quicker than with stationary machines. Marking and tooling take less time and exhausting material transport is done away with.

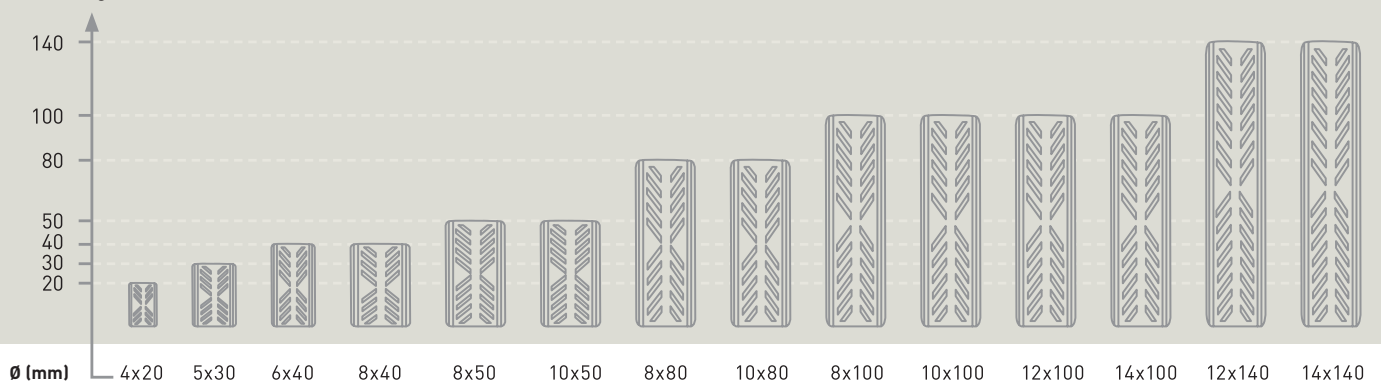
DOMINO dowel

## Not flat. Not round. **Simply DOMINO.**

The difference is in the finer details. More precise shape: DOMINO dowels combine all the advantages of round and flat dowels and are therefore as stable as tongue and groove joints. There are available in 14 different sizes or as rods – for interior and exterior applications, as well as for delicate or solid wood workpieces.



Dowel length (mm)



### 100% rotation-proof

Right from the first DOMINO the joints are completely secure – without aligning the workpieces.

### Maximum stability

The special shape of the DOMINO in combination with expanding glue pockets and lateral longitudinal grooves gives the dowels a secure grip.

### A perfect fit

The DOMINO jointer DF 500 adjusts the holes if required to the respective dowel. The special grooving geometry of the dowel enables accuracy and a perfect fit.

### For interior and exterior applications

DOMINOs are available in two materials: Beech for interior areas and weatherproof Sipo dowels that are also resistant against insects and mould for exterior applications.

### Environmentally-friendly







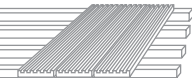
All DOMINOs are procured from sustainable forest management. The beech dowels bear the quality seal of the Pan European Forest Council (PEFC).



## A stable joint in each case

The DOMINO system offers the right dowel for every application: With different sizes, two wood types for interior and exterior application and also individually adjustable rods, there are hardly any limits to the possibilities of this system: from panel, frame and cabinet construction to stable furniture, frame parts and door construction.



Application	Diameter	DF 500	DF 700
	Ø 4 mm	<input checked="" type="radio"/>	<input type="radio"/>
	Ø 5 mm	<input checked="" type="radio"/>	<input type="radio"/>
	Ø 6 mm	<input checked="" type="radio"/>	<input type="radio"/>
	Ø 8 mm	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Ø 8 mm	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Ø 10 mm	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Ø 12 mm	<input type="radio"/>	<input checked="" type="radio"/>
	Ø 14 mm	<input type="radio"/>	<input checked="" type="radio"/>
	Deck joining system Ø 6 mm	<input checked="" type="radio"/>	<input type="radio"/>

Suitable for machine

Not suitable

DOMINO system accessories

## Systematically stable.

The Festool system enables diverse applications and makes work effortless with clever accessories: With different stops, compatible for both DOMINO jointers DF 500, complicated shapes can also be easily connected. And for the quick construction of wooden decks there is the DOMINO deck joining system.

### Handrail fence

Round wooden poles with a diameter of 35–60 mm are securely fixed in place with just a single DOMINO: Simply position the handrail fence, adjust, set down the workpiece and cut.



### Trim stop

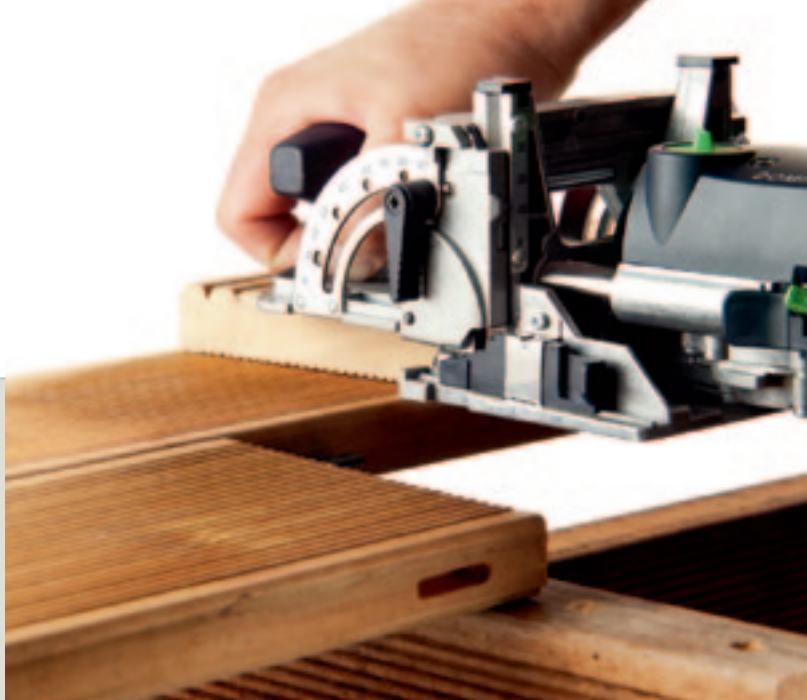
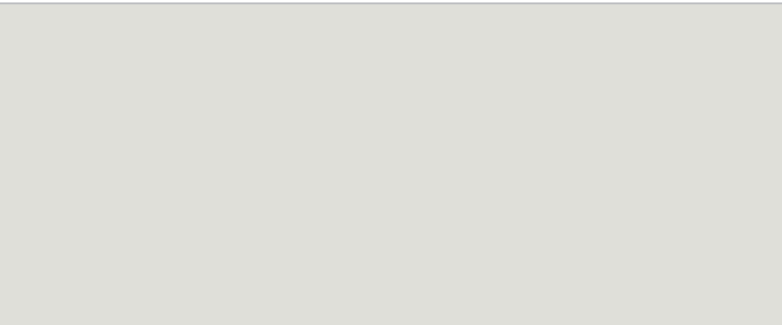
The trim stop allows trims that are 22–70 mm wide to be quickly positioned in the centre and fixed in place – ideal for frame part joints.



### Cross stop

It is extremely easy to transfer repeat hole spacing between 100 and 205 mm with the cross stop – without marking the workpiece.





**Elegant wooden decking – looks that last.**

Immaculate wooden decking can be created in no time at all using the DOMINO deck joining system – without visible screws on the surface and therefore without unevenness and water residue.

The connection fitting is simply screwed to the substructure and engages in the elongated holes that have been cut. Long clamp hooks provide even spacing between the wooden planks and safe secure support.

Claws to meet every challenge:

1. Single claw
2. Double claw
3. Combination claw
4. Angled claw



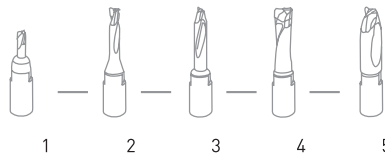
# DOMINO jointing system

## Accessories and consumables.

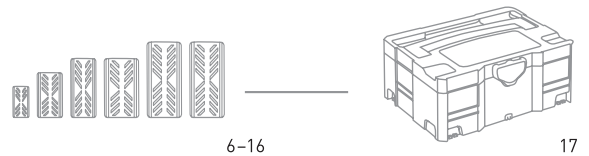


DOMINO DF 500

### DOMINO cutter



### DOMINO dowel



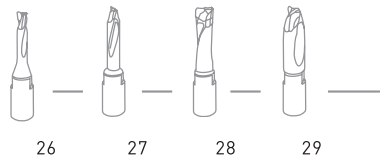
### DOMINO deck joining system



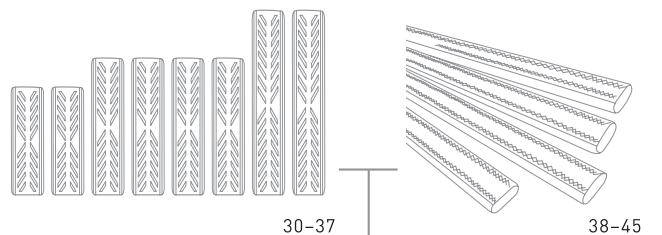
### DOMINO stops



### DOMINO cutter



### DOMINO dowel



DOMINO XL DF 700



Everything under control – with the **DOMINO dowel Systainer**:  
Here all dowels are clearly arranged and safely stored.  
The range also includes the appropriate cutter.



More system accessories and consumables are available at [www.festool.co.uk](http://www.festool.co.uk) or in the main catalogue.

DOMINO DF 500 joining machine	Scope of delivery	Order No.
DOMINO cutter D 5, additional stop, operating tool, in a SYSTAINER SYS 2 T-LOC		
<b>DF 500 Q-Plus GB 110 V</b>		<b>574329</b>
<b>DF 500 Q-Plus GB 240 V</b>		<b>574325</b>
<b>DF 500 Q-Set + trim stop, cross stop</b>		<b>574427</b>

DOMINO XL DF 700 joining machine	Scope of delivery	Order No.
DOMINO cutter D 12, support bracket, 2 dowel boxes, 20 beech dowels D 12x100, operating tool, in a SYSTAINER SYS 5 T-LOC		
<b>DF 700 EQ-Plus GB 240 V</b>		<b>574420</b>
<b>DF 700 EQ-Plus GB 110 V</b>		<b>574421</b>

Accessories	Scope of delivery	Order No.
<b>Cutter for DOMINO DF 500</b>		
1	<b>D 4-NL 11 HW-DF 500</b>	<b>495663</b>
2	<b>D 5-NL 20 HW-DF 500</b>	<b>493490</b>
3	<b>D 6-NL 28 HW-DF 500</b>	<b>493491</b>
4	<b>D 8-NL 28 HW-DF 500</b>	<b>493492</b>
5	<b>D 10-NL 28 HW-DF 500</b>	<b>493493</b>
<b>Beech dowel for DOMINO DF 500*</b>		
6	<b>D 4x20 450 Pcs</b>	<b>495661</b>
7	<b>D 5x30 1800 Pcs</b>	<b>493296</b>
8	<b>D 6x40 1140 Pcs</b>	<b>493297</b>
9	<b>D 8x40 780 Pcs</b>	<b>493298</b>
10	<b>D 8x50 600 Pcs</b>	<b>493299</b>
11	<b>D 10x50 510 Pcs</b>	<b>493300</b>
<b>Sipo dowel for DOMINO DF 500*</b>		
12	<b>D 5x30 900 Pcs</b>	<b>494859</b>
13	<b>D 6x40 570 Pcs</b>	<b>494860</b>
14	<b>D 8x40 390 Pcs</b>	<b>494861</b>
15	<b>D 8x50 300 Pcs</b>	<b>494862</b>
16	<b>D 10x50 255 Pcs</b>	<b>494863</b>
17	<b>DOMINO dowel range beech DS 4/5/6/8/10 1060x BU</b> includes DOMINO 4x20, 5x30, 6x40, 8x40, 8x50, 10x50 and DOMINO cutter for sizes 4, 5, 6, 8, 10, in a SYSTAINER SYS 2 T-LOC	<b>498899</b>
<b>Deck joining system for DOMINO DF 500</b>		
18	<b>Single claw EFK DF 500/20</b> Start or end claw for wood deck boards, incl. V2A screws, pack of 20	<b>496999</b>
19	<b>Double claw DPK DF 500/50</b> Connection claw for wood deck boards, incl. V2A screws, pack of 50	<b>496998</b>
20	<b>Combination claw KBK DF 500/20</b> Special claw for longitudinal impacts and cross joints of wood deck boards, incl. V2A screws, pack of 20	<b>497000</b>
21	<b>Angled claw WIK DF 500/20</b> End angled claw for deck end or stairway designs, incl. V2A screws, pack of 20	<b>497001</b>

Accessories	Scope of delivery	Order No.
<b>Stops for DOMINO DF 500 and DF 700</b>		
22	<b>Additional stop ZA-DF 500</b> Floor widening and side stop, for reducing the dowel centre from 37 mm to 20 mm	<b>495666</b>
23	<b>Trim stop LA-DF 500/700</b> for trims of 22 - 70 mm wide, suitable for DF 500 and DF 700	<b>493487</b>
24	<b>Round stop RA-DF 500/700</b> for wooden round poles with diameters of 35 - 60 mm, suitable for DF 500 and DF 700	<b>494847</b>
25	<b>Cross stop QA-DF 500/700</b> for repeat hole spacing of 100-205 mm, suitable for DF 500 and DF 700	<b>498590</b>
<b>Cutter for DOMINO XL DF 700</b>		
26	<b>D 8-NL 50 HW-DF 700</b>	<b>497868</b>
27	<b>D 10-NL 70 HW-DF 700</b>	<b>497869</b>
28	<b>D 12-NL 70 HW-DF 700</b>	<b>497870</b>
29	<b>D 14-NL 70 HW-DF 700</b>	<b>497871</b>
<b>Beech dowel for DOMINO XL DF 700</b>		
30	<b>D 8x80 190 Pcs</b>	<b>498212</b>
31	<b>D 8x100 150 Pcs</b>	<b>498213</b>
32	<b>D 10x80 150 Pcs</b>	<b>498214</b>
33	<b>D 10x100 120 Pcs</b>	<b>498215</b>
34	<b>D 12x100 100 Pcs</b>	<b>498216</b>
35	<b>D 12x140 90 Pcs</b>	<b>498217</b>
36	<b>D 14x100 80 Pcs</b>	<b>498218</b>
37	<b>D 14x140 70 Pcs</b>	<b>498219</b>
<b>Beech dowel rods</b>		
38	<b>D 8x750 36 Pcs</b>	<b>498686</b>
39	<b>D 10x750 28 Pcs</b>	<b>498687</b>
40	<b>D 12x750 22 Pcs</b>	<b>498688</b>
41	<b>D 14x750 18 Pcs</b>	<b>498689</b>
<b>Sipo dowel rods</b>		
42	<b>D 8x750 36 Pcs</b>	<b>498690</b>
43	<b>D 10x750 28 Pcs</b>	<b>498691</b>
44	<b>D 12x750 22 Pcs</b>	<b>498692</b>
45	<b>D 14x750 18 Pcs</b>	<b>498693</b>
46	<b>DOMINO XL beech dowel range</b>	
	<b>DS/XL D8/D10 306x BU</b> includes DOMINO 8x50, 8x80, 8x100, 10x50, 10x80, 10x100 and DOMINO XL cutter for sizes 8 and 10, in a SYSTAINER SYS 2 T-LOC	<b>498204</b>
	<b>DS/XL D12/D14 128x BU</b> includes DOMINO 12x100, 12x140, 14x100, 14x140 and DOMINO XL cutter for size 14, in a SYSTAINER SYS 2 T-LOC	<b>498205</b>

\* dowel also available in smaller quantities (in self-service display pack)

# FESTOOL

Tools for the toughest demands

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Dealer

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Valid as of September 2011

**Order No. 61804**



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