



# JOINING

Product range

**FESTOOL**  
Tools for the toughest demands

# Every type of wood joint has its advantages. The **DOMINO** joining system unites them all.

Sometimes innovations are developed from a spur-of-the-moment idea. The new DOMINO joining system, on the other hand, was the result of taking existing principles and thinking one step further. To create a wood joining system which unites the advantages of all existing systems in one: the undisputed stability of mortise and tenon, the flexibility of the biscuits used to join furniture, and the precision of the round dowels used in framework construction.

The key lay in our patented oscillating cutter motion and the mortises it creates for insertion of our specially shaped DOMINO tenons. For a new, complete wood joining system which impresses with its unbeatable stability. A system which works easily and with significantly shorter set-up times, and which can even be used for tasks previously thought to be reserved primarily for bench-mounted machines.

The extent of our success in achieving this is shown by the sheer number of professionals in the trade who aren't just impressed, but have become serious fans – fans of an idea which came from thinking that one decisive step further. For wood joints as unique as the DOMINO joining system itself.

## Contents

▶ Systems get it done	04
▶ DOMINO DF 500	06
▶ DOMINO XL DF 700	08
▶ DOMINO <sub>s</sub>	10
▶ DOMINO system accessories	12
▶ Accessories and consumables	14
▶ Package contents and order numbers	15





#### Oscillating cutter motion

The cutter motion of the DOMINO joiners is unique among hand-held tools, and is patented by Festool. The cutter oscillates as it turns, enabling smooth, easy work and holes without burn marks. The oscillating motion keeps the cutters from overheating, greatly extending their service life.



#### After-sales service with a plus

With every guarantee registration, Festool customers automatically receive an extra advantage: Festool's after-sales service. Starting with three years extended guarantee for every new product, plus a reliable, seven-year supply of spare parts, and a particularly fast repair service. To find out more about Festool after-sales service and all the benefits it brings, visit [www.festool.com.au](http://www.festool.com.au) or [www.festool.co.nz](http://www.festool.co.nz).



#### "Made in Germany" quality

Many of our tools have been in use for more than 30 years. That isn't the result of chance, but rather a logical consequence of the painstaking development and production you expect from German-made products. Products backed by our promise: tools for the toughest demands.



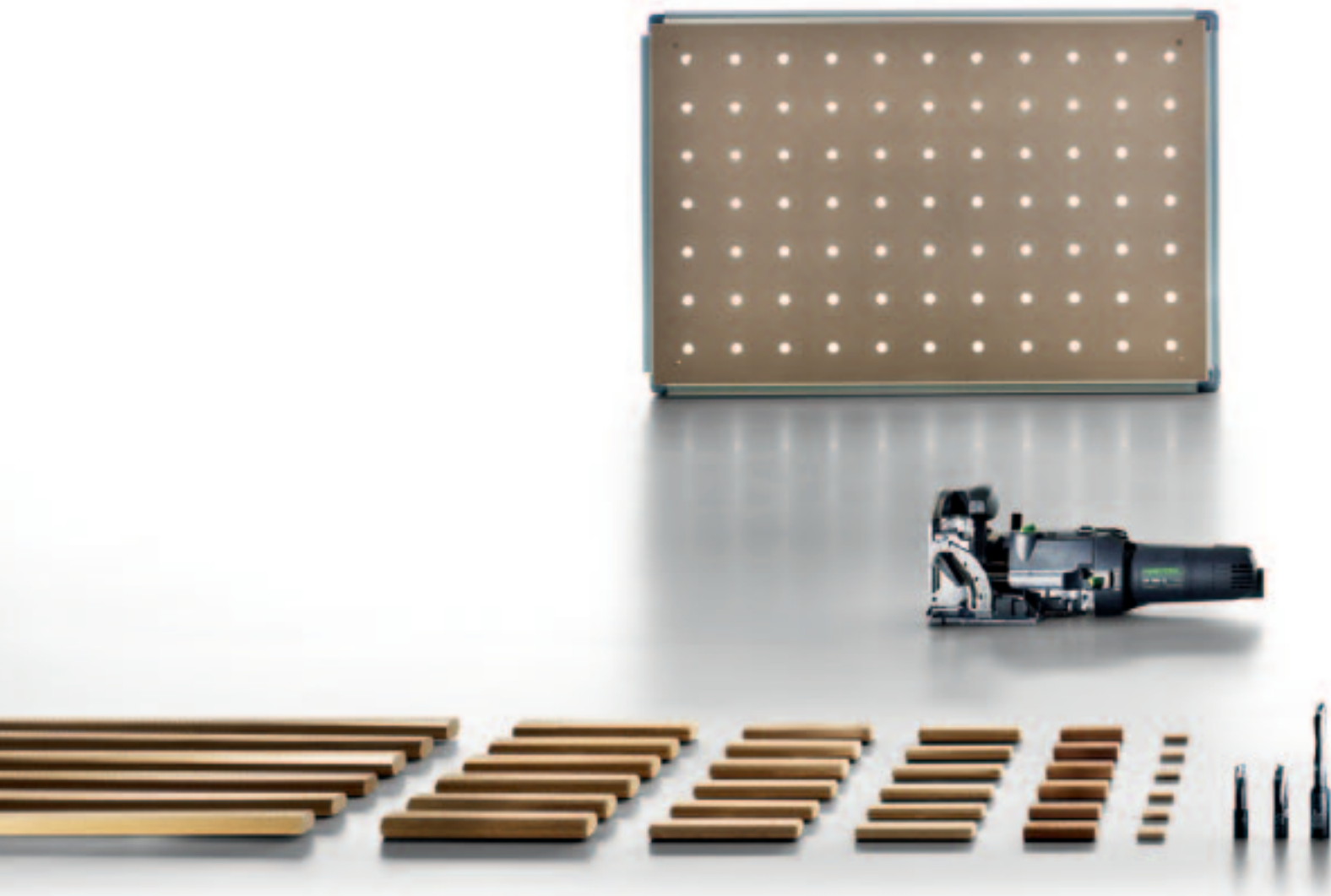
#### Mortise technique

Perfect alignment: the first DOMINO tenon is slotted into a precisely fitted mortise, while the following ones are positioned in wider mortises with play – allowing you to align the joint with ease. The result is a stable joint, rotation-proof from the first tenon.





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



## Systems get it done.

If you want to be good, you need perfect tools. If you want to be better, you need a system. A system in which accessories and consumables go hand in hand with the tools, guaranteeing better order and organisation, and providing extra added value for every investment made.

A system with just one goal: to achieve success even more quickly, more easily with a better result.

## System = added value

Save space and money – with compatible accessories, for example: the handrail fence, trim stop and cross stop can be used with both the DF 500 and the DF 700. And both tools work perfectly with DOMINO diameters 8 and 10 mm.



### System = seamless work process

Work more efficiently with smooth, seamless processes: the trim stop and handrail fence greatly increase speed and precision when working with thin or round workpieces. The cross stop is just as practical – repeat hole spacing is easy to transfer, with no risk of error. And the right cutters for the job can be inserted quickly and easily.

### System = better organised

Faster access to all your work needs: the SYSTAINER keeps your tool and accessories neatly stored while also protecting them. There is a special SYSTAINER for DOMINOs, with flexible compartment divisions for all DOMINO sizes. You can couple the SYSTAINERS to Festool mobile dust extractors to create a mobile workstation which you can customise to suit your needs.

## DOMINO joining machine DF 500

# Joining **precision with ease.**

The DOMINO DF 500 is particularly agile and offers an almost unlimited range of joining possibilities. Whether for board joining, cabinet making, or light framework joints – the DF 500 will impress with its unbeatable precision and ease of handling.

- ▶ Versatile in application with DOMINO sizes 4 x 20 mm to 10 x 50 mm
- ▶ Quick and precise positioning of the tool without scribing – using integrated flip stops
- ▶ Rapid setting of cutting height and depth for materials of different thickness
- ▶ Precise cutting of angled mortises with stepped positions or stepless angle adjustment



Technical data	DF 500
Power consumption	420 W
No-load speed	24300 rpm
Depth stop for routing depth	12, 15, 20, 25, 28 mm
DOMINO cutter Ø	4, 5, 6, 8, 10 mm
Routing height adjustment with scale	5–30 mm
Movable stepped stop	16, 20, 22, 25, 28, 36, 40 mm
Mitre routing	0–90°
Connection Ø for dust extractor	27 mm
Weight	3.2 kg

Package contents | order numbers on page 15



Boards can be joined quickly with the DOMINO system. The precisely fitted DOMINOs align the workpiece perfectly, preventing the angle joint from slipping when gluing.



Frame corners are rotation-proof and stable right from the first DOMINO in the joint.



Minimal distance (10 mm) between the base plate and cutter centre allows versatile use of the joiner.



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



# DOMINO XL joining machine DF 700

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

With DOMINO XL the tool can come to the workpiece, instead of the workpiece having to come to the tool. Fast, simple, precise and extremely stable – with measurably shorter set-up times and time savings of up to 50 percent compared with bench-mounted tools. That makes the DOMINO XL ideal for furniture and door construction and for producing structural joints in solid wood.

- ▶ Unbeatable joint stability up to DOMINO size 14 x 140 mm
- ▶ Variable routing depth setting from 15–70 mm
- ▶ Rapid setting of cutting height for materials of different thickness
- ▶ Precise cutting of angled mortises with stepped positions or stepless angle adjustment
- ▶ Smooth, easy cutting even in hardwood – thanks to high power and the DOMINO oscillating cutter motion



# DF 700

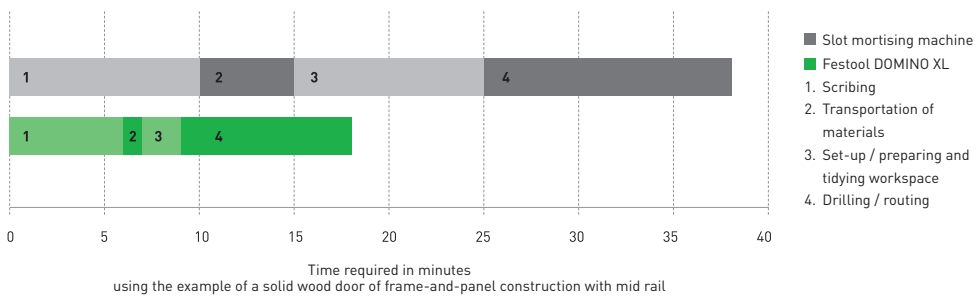
Technical data	DF 700
Power consumption	720 W
No-load speed	21000 rpm
Depth stop for routing depth	15–70 mm
DOMINO cutter Ø	8, 10, 12, 14 mm
Routing height adjustment with scale	10–50 mm
Movable stepped stop	10, 15, 20, 25, 30, 40 mm
Mitre routing	0–90°
Connection Ø for dust extractor	27 mm
Weight	5.2 kg

Package contents | order numbers on page 15





Innovative stop system: the integrated stop pins on the DF 700 can be used for quick and precise positioning even of groups of tenons in relation to a reference edge.



Save time: the DOMINO XL lets you work up to 50% faster than a bench-mounted tool. Scribing and set-up are much less time-consuming and tiring transportation of materials can be eliminated.

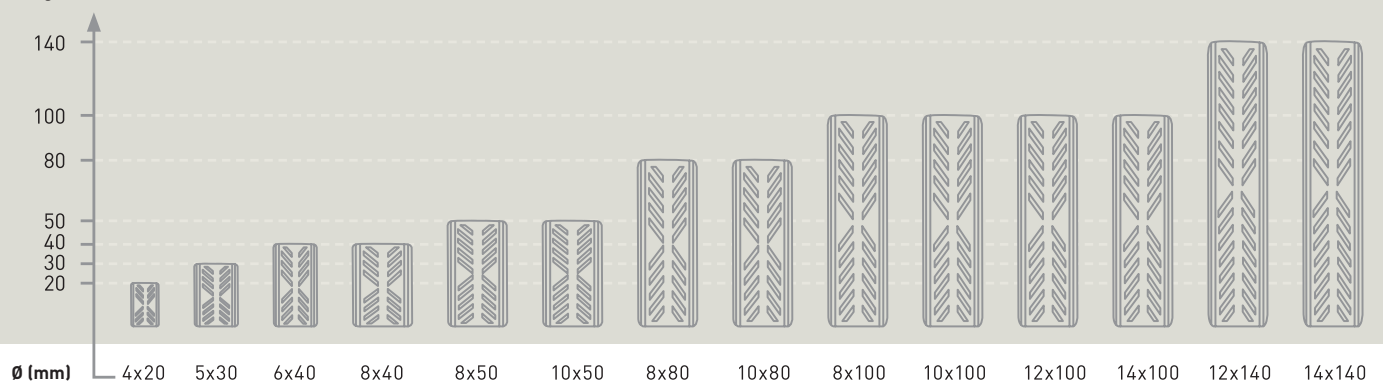
DOMINOs

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

It's the fine details that make all the difference. Or, to be exact, it's the shape. DOMINOs unite all the advantages of round dowels and flat biscuits, thus making them as stable as a traditional mortise and tenon. They come in 14 standard sizes or as rod stock – for indoor and outdoor areas, and for plywood or solid wood workpieces.



Length (mm)



#### 100% rotation-proof

The joints are absolutely rotation-proof from the very first DOMINO – without workpiece alignment.

#### Maximum stability

The special shape of the DOMINOs, in combination with embossed glue pockets and flutes down the sides, gives the tenons a secure hold.

#### A perfect fit

The DOMINO joining machines adjust the holes exactly as needed to suit the particular DOMINO tenon. The special flute geometry of the DOMINOs ensures a perfect fit.

#### For indoors and outdoors

DOMINOs come in two materials: beech for indoor areas and weatherproof, insect- and mould-resistant sipo tenons for outdoors.

#### Environmentally friendly







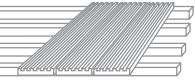
All DOMINO tenons are sourced from sustainable forestry projects. The beech DOMINOs bear the seal of approval of the Pan European Forest Council (PEFC).



## A stable joint in any situation

The DOMINO system offers the right tenon for every application. With a variety of sizes, two types of wood for indoor and outdoor use, as well as rod stock that you can cut to size yourself, the possibilities of this system are virtually limitless: from board joining, light framework and cabinet making to stable furniture and door construction.



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

Suitable for machine

Not suitable

DOMINO system accessories

## Systematic stability.

Versatility in application is a hallmark of the Festool system, which, with a range of carefully engineered accessories, makes your work easier with a range of carefully engineered accessories. Different fences and stops, compatible with both DOMINO joining machines, allow you to join even complex forms with ease. There's also the DOMINO deck joining system for quick construction of wooden decks.

### Handrail fence

Round wooden poles 35–60 mm in diameter can be secured against rotation with just one DOMINO: simply attach the handrail fence, adjust as needed, insert the workpiece and cut.



### Trim stop

Narrow workpieces 22–70 mm wide can be quickly centred and secured with the trim stop – ideal for framework joints.

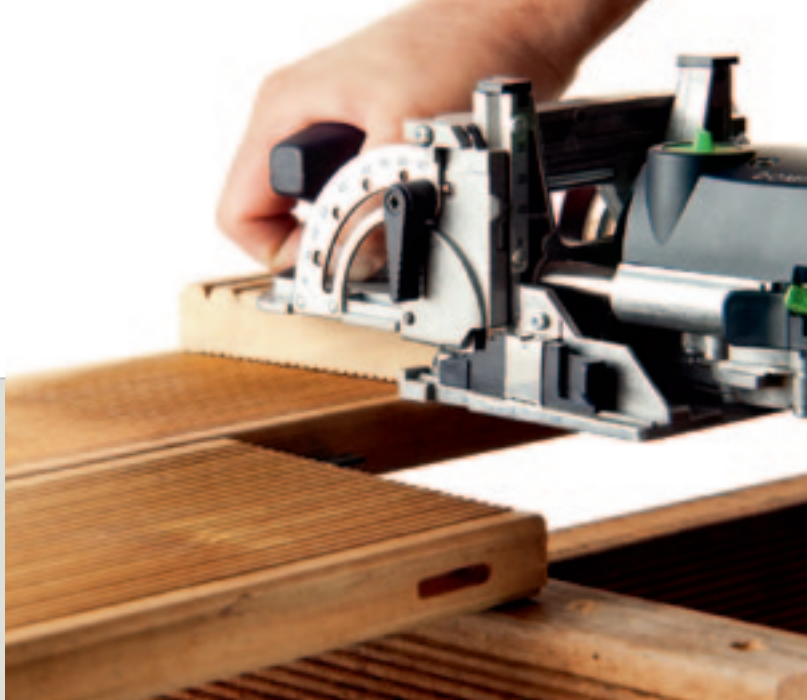
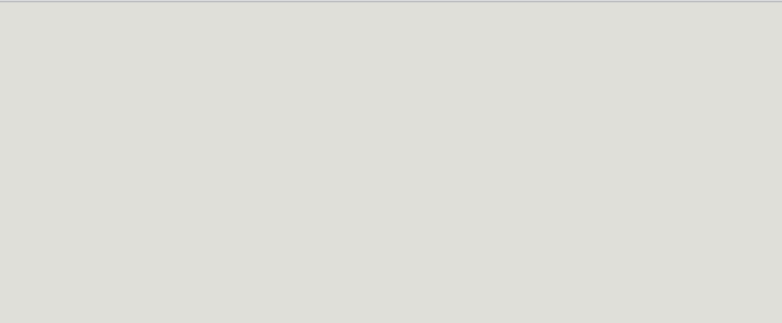


### Cross stop

Repeat hole spacing from 100–205 mm can be transferred easily with the cross stop – without scribing the workpiece.







### Elegant timber decks – timeless beauty

With the DOMINO deck joining system, you can create perfect wooden decks in no time at all – with no screws visible on the surface, no unevenness or water residue.

The connector fitting is simply screwed onto the substructure and locked into the routed slots. Long clamping hooks ensure even spacing between the planks and a secure hold.

Connector claws to suit every need:

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



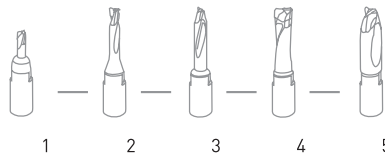
## DOMINO joining system

# Accessories and consumables.

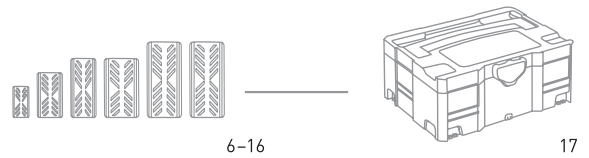


DOMINO DF 500

### DOMINO cutter



### DOMINOs



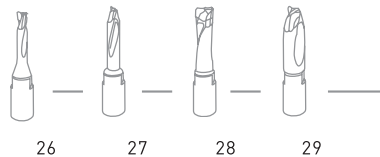
### DOMINO deck joining system



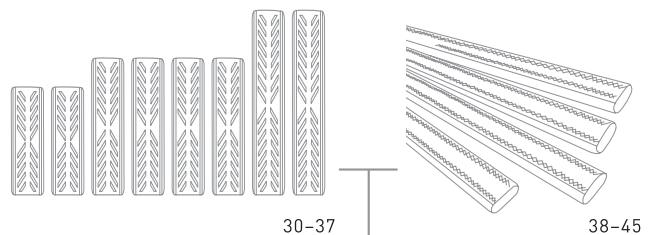
### DOMINO fences and stops



### DOMINO cutters



### DOMINOs



DOMINO XL DF 700



Everything just where you want it – with the **DOMINO Systainer**:  
S DOMINOs are stored securely here, all DOMINOs are stored  
securely here, sorted into separate compartments. The set  
includes the matching cutters as well.



For more system accessories and consumables, see [www.festool.com.au](http://www.festool.com.au), [www.festool.co.nz](http://www.festool.co.nz) or the main catalogue.

Joining machine, DOMINO DF 500 Package contents	Order no.
DOMINO cutter D 5, additional stop, operating tool, in SYSTAINER SYS 2 T-LOC	
<b>DF 500 Q-Plus</b>	<b>574328</b>
<b>DF 500 Q-Set</b> + trim stop, cross stop	<b>574430</b>

Joining machine, DOMINO XL DF 700 Package contents	Order no.
DOMINO cutter D 12, base support bracket, 2 DOMINO boxes, 20 x beech DOMINOs D 12x100, operating tool, in a SYSTAINER SYS 5 T-LOC	
<b>DF 700 EQ-Plus</b>	<b>574423</b>

Accessories Package contents	Order no.
<b>Cutters 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 DOMINOs for DOMINO DF 500*</b>	
6 <b>D 4x20</b> 450 pieces	<b>495661</b>
7 <b>D 5x30</b> 1800 pieces	<b>493296</b>
8 <b>D 6x40</b> 1140 pieces	<b>493297</b>
9 <b>D 8x40</b> 780 pieces	<b>493298</b>
10 <b>D 8x50</b> 600 pieces	<b>493299</b>
11 <b>D 10x50</b> 510 pieces	<b>493300</b>
<b>Sipo DOMINOs for DOMINO DF 500*</b>	
12 <b>D 5x30</b> 900 pieces	<b>494859</b>
13 <b>D 6x40</b> 570 pieces	<b>494860</b>
14 <b>D 8x40</b> 390 pieces	<b>494861</b>
15 <b>D 8x50</b> 300 pieces	<b>494862</b>
16 <b>D 10x50</b> 255 pieces	<b>494863</b>
17 <b>Set of DOMINOs, beech DS 4/5/6/8/10 1060x BU</b> includes DOMINOs 4x20, 5x30, 6x40, 8x40, 8x50, 10x50 and DOMINO cutters 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 wooden decking, including V2A screws, 20 pieces	<b>496999</b>
19 <b>Double claw DPK DF 500/50</b> connector claw for wooden decking, including V2A screws, 50 pieces	<b>496998</b>
20 <b>Combination claw KBK DF 500/20</b> special-purpose claw for connecting wooden decking end to end with cross-bracing, including V2A screws, 20 pieces	<b>497000</b>
21 <b>Angle claw WIK DF 500/20</b> angle end claw for decking edges or steps, including V2A screws, 20 pieces	<b>497001</b>

Accessories Package contents	Order no.
<b>Fences and stops for DOMINO DF 500 and DF 700</b>	
22 <b>Additional stop ZA-DF 500</b> base extension and parallel side fence, to reduce the distance between the edge and the tenon centre from 37 mm to 20 mm	<b>495666</b>
23 <b>Trim stop LA-DF 500/700</b> for narrow workpieces of width 22-70 mm, compatible with DF 500 and DF 700	<b>493487</b>
24 <b>Handrail fence RA-DF 500/700</b> for round wood poles of Ø 35-60 mm, compatible with 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, compatible with DF 500 and DF 700	<b>498590</b>
<b>Cutters 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 DOMINOs for DOMINO XL DF 700</b>	
30 <b>D 8x80</b> 190 pieces	<b>498212</b>
31 <b>D 8x100</b> 150 pieces	<b>498213</b>
32 <b>D 10x80</b> 150 pieces	<b>498214</b>
33 <b>D 10x100</b> 120 pieces	<b>498215</b>
34 <b>D 12x100</b> 100 pieces	<b>498216</b>
35 <b>D 12x140</b> 90 pieces	<b>498217</b>
36 <b>D 14x100</b> 80 pieces	<b>498218</b>
37 <b>D 14x140</b> 70 pieces	<b>498219</b>
<b>Beech DOMINO rods</b>	
38 <b>D 8x750</b> 36 pieces	<b>498686</b>
39 <b>D 10x750</b> 28 pieces	<b>498687</b>
40 <b>D 12x750</b> 22 pieces	<b>498688</b>
41 <b>D 14x750</b> 18 pieces	<b>498689</b>
<b>Sipo DOMINO rods</b>	
42 <b>D 8x750</b> 36 pieces	<b>498690</b>
43 <b>D 10x750</b> 28 pieces	<b>498691</b>
44 <b>D 12x750</b> 22 pieces	<b>498692</b>
45 <b>D 14x750</b> 18 pieces	<b>498693</b>
46 <b>DOMINO XL set, beech</b>	
<b>DS/XL D8/D10 306x BU</b> includes DOMINOs 8x50, 8x80, 8x100, 10x50, 10x80, 10x100 and DOMINO XL cutters for sizes 8 and 10, in a SYSTAINER SYS 2 T-LOC	<b>498204</b>
<b>D5/XL D12/D14 128x BU</b> includes DOMINOs 12x100, 12x140, 14x100, 14x140 and DOMINO XL cutter for size 14, in a SYSTAINER SYS 2 T-LOC	<b>498205</b>

\* DOMINOs also available in small quantities (in self-service display pack)

# FESTOOL

Tools for the toughest demands

## **Tooltechnic Systems (AUST) Pty Ltd**

63-65 Quantum Close  
Dandenong South, VIC 3175  
Postal address: PO Box 4401  
Dandenong South, VIC 3164  
Australia  
Service Hotline: 1800 063 900  
Phone: 03 9799 9733  
Fax: 03 9799 9766  
E-mail: sales@tooltechnic.com.au

## **Tooltechnic Systems (NZ) Ltd**

27 Greenmount Drive, East Tamaki  
Postal address: PO Box 258-078  
Botany, Manukau 2163, Auckland  
New Zealand  
Service Hotline: 0800 337 8665  
Phone: 09 272 2220  
Fax: 09 272 2230  
E-mail: sales@tooltechnic.co.nz



Our tools live up to the claim "Made in Germany" –  
Tools for the toughest demands.  
Visit [www.festool.com.au](http://www.festool.com.au) or [www.festool.co.nz](http://www.festool.co.nz)  
for more information



Festool service: Extended 3 year warranty and  
free pick-up service. Visit [www.festool.com.au](http://www.festool.com.au)  
or [www.festool.co.nz](http://www.festool.co.nz) for more information



Built to last, recycling, waste prevention –  
for a cleaner environment.  
Visit [www.festool.com.au](http://www.festool.com.au) or [www.festool.co.nz](http://www.festool.co.nz) for  
more information

[www.festool.com.au](http://www.festool.com.au)

Dealer

**Festool**  
**Joining**  
Valid as of February 2012

Order no. 61794

