

Decidedly different: Cordless drills by Festool. **FESTOOL** 

# Drilling and screwdriving 01

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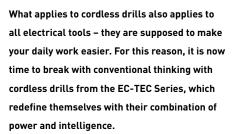
System ov

Can a cordless drill get any better than this? Yes, it can. Because Festool always thinks one step ahead and this is why the T+3 series and the C 12 are packed full of so many ideas: EC-TEC motor, CENTROTEC, FastFix, modern battery technology and a handy, lightweight design. For exceptional solutions that meet your requirements and help you tackle your daily challenges.

# **Drilling and screwdriving**

### Two tools, one philosophy: Maximum handling comfort.







"With a motor design that guarantees extra performance. Long-lasting battery packs and a compact design as well as handling that makes the available power comfortable to use, even over long periods of time. You will have the feeling that in every situation, there is always more power that can be called upon. Intelligent electronics

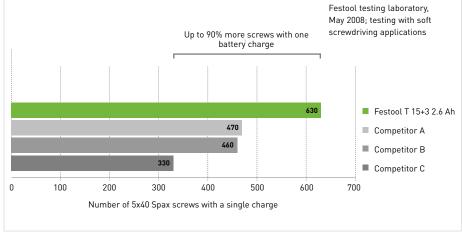


The C 12: Work comfortably in any position.

replace mechanical parts that are subject to wear and thus guarantee optimal use and operational readiness. FastFix attachments and the ingenious CENTROTEC rapid tool-change system allow you to complete numerous tasks while using just one power tool: screwdriving and drilling around corners, working close to edges and quickly changing between drilling, screwdriving, countersinking and very many special applications."



The T-screwdriver – handy, powerful, and lightweight. The right tool for the job when the going gets tough.



Intelligent motor management: the best performance and the longest-lasting in its class.



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.

### The CENTROTEC system.

CENTROTEC – change between drill, countersink and screwdriver bits in seconds.

**CENTROTEC** from page 22



### Screwdriver, drill bit system.

CENTROTEC and Novadrive: all compatible.

Screwdriver and drill bits from page 22

# Application overview - Drilling and screwdriving

	C 12	T 12+3	T 15+3
Carpentry, joining, timber construction			1.0.0
Kitchen fitting and furniture assembly	•	•	•
Attaching fittings, installing locks	•	•	•
Holes for dowels and fittings, up to 35 mm	•	•	•
Wooden terraces	0	•	•
Fitting rails and profiles	•	•	•
Frequent overhead work	•	•	•
Erecting fences, pergolas, carports, canopies	0	•	•
Interior fitting, dry walling, trade fair construction			
Securing floor and ceiling profiles	•	•	0
Studwork for floors/walls/roofs	•	•	•
Installing gypsum plasterboard	● 11	•	•
Using hole cutters	•	•	•
Installing partition walls	•	•	•
Painters, interior decorators, floor layers			
Securing floorboards	•	•	•
Fitting curtain rails and skirting boards	•	•	•
Stirring paint and varnish	•	•	•
Assembling and removing fittings	•	•	•
Fitting roller shutters and blinds	•	•	•
Applications in other industries			
Removing vehicle parts	•	•	•
Electrical installations	•	•	•
Vehicle interior fitting (mobile homes, caravans, boats)	•	•	•
Metal construction	•	•	•

 $<sup>^{\</sup>mathrm{1}\mathrm{J}}$  Ideal with the FastFix depth stop DD-DC

Polishing applications, see "Polishing" section, page 235



### The FastFix system.

Several tools in one: with FastFix attachments, the TDK and C 12 are well equipped for most applications.

FastFix attachments on page 21



### The battery system.

High performance batteries – from compact 2.0 Ah batteries all the way up to long-lasting lithium-ion packs.

Battery packs on page 21



### The battery charging system.

So that there will be no downtime, the quick charger makes the batteries ready to use again in no time at all, and also does it in a way that protects them.

Charger, from page 20

# **Drilling and screwdriving** | Machine overview

### Cordless drill C 12



### Strengths and benefits

- Brushless EC-TEC motor for a long service life and a high level of efficiency
- High screwdriving capacity and light in weight
- Impressive ergonomics: Compact, lightweight and perfectly balanced
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system

### Cordless drill T 12+3



### Strengths and benefits

- Brushless EC-TEC motor with integrated motor management for long service life and the highest output
- Impressive ergonomics: Compact, lightweight and perfectly balanced
- Fully electron torque setting and switch-off for precise screwdriving
- Switchover from screwdriving to drilling without changing the set torque
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system
- Latest Lithium-ion battery technology for the longest sustained usage
- Highest flexibility and economic efficiency: series TDK 12 and C 12 battery packs can be used

### Cordless drill T 15+3



### Strengths and benefits

- Brushless EC-TEC motor with integrated motor management for long service life and the highest output
- Impressive ergonomics: Compact, lightweight and perfectly balanced
- Fully electron torque setting and switch-off for precise screwdriving
- Switchover from screwdriving to drilling without changing the set torque
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system
- Latest Lithium-ion battery technology for the longest sustained usage
- · Highest flexibility and economic efficiency: series TDK 15.6 battery packs can be used

### Next page 16

Battery voltage	12 V
Idling speed, 1st gear/2nd gear	0-450/0-1500 min <sup>-1</sup>
Drilling diameter, wood/steel	25/14 mm
Torque adjustment	2-7/0,5-2,5 Nm
Max. torque, wood/steel	18/30 Nm
Chuck range	1,5-13 mm
Battery capacity C NiMH	2,0 Ah
Weight with C NiMH	1,6 kg

For other battery options, see page 16







### Next page 18

Battery voltage Li-Ion	10,8 V
Battery voltage NiMH	12 V
Idling speed, 1st gear/2nd gear	0-450/0-1500 min <sup>-1</sup>
Drilling diameter, wood/steel	25/14 mm
Torque adjustment	0,5-8/0,5-6 Nm
Max. torque, wood/steel	22/30 Nm
Chuck range	1,5-13 mm
Li-lon battery capacity	2,6 Ah
Weight with Li Ion	1,4 kg

For other battery options, see page 18



= with electronics











### Next page 18

Battery voltage Li-Ion	14,4 V
Battery voltage NiMH	15,6 V
Idling speed, 1st gear/2nd gear	0-450/0-1500 min <sup>-1</sup>
Drilling diameter, wood/steel	35/16 mm
Torque adjustment	0,5-8/0,5-6 Nm
Max. torque, wood/steel	27/40 Nm
Chuck range	1,5-13 mm
Li-lon battery capacity	2,6 Ah
Weight with Li Ion	1,5 kg

For other battery options, see page 18

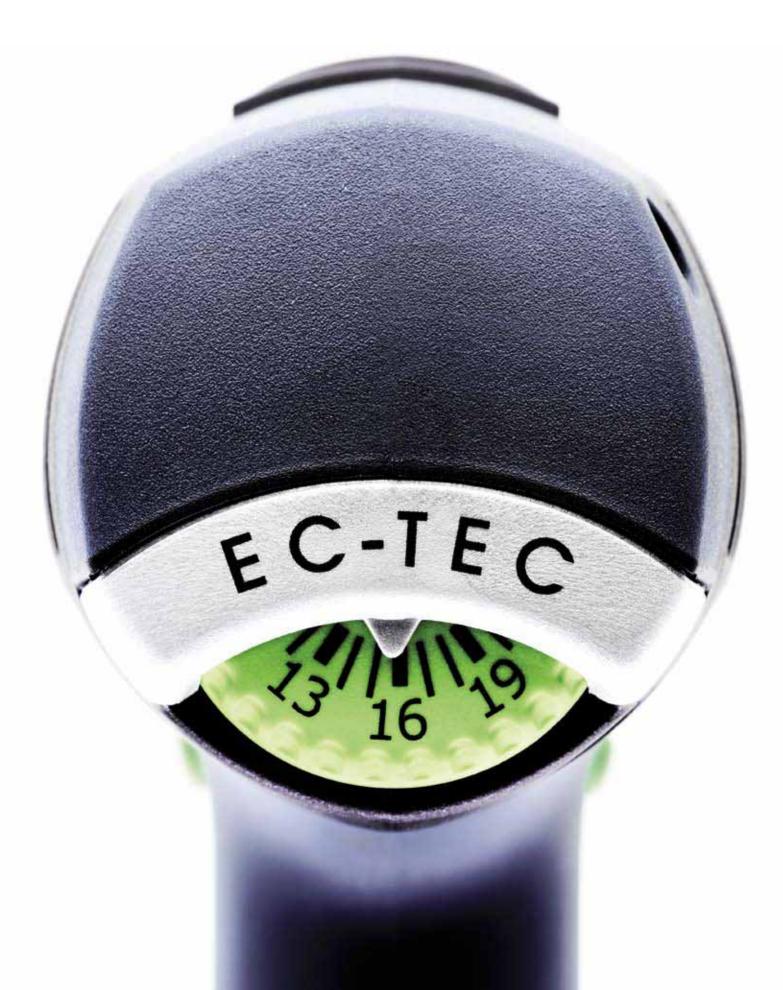












# **Drilling and screwdriving** | Cordless drill C 12

### More lightweight, sturdy and durable.

The C 12 is handy, robust, durable, powerful and equipped with a host of good ideas. Its unusual outer shell contains more than meets the eye. In addition to its familiar EC-TEC motor, there are also many small features that make work significantly easier.



<sup>1)</sup> Source: Festool Test Workshop 12/2004, Spax 5 x 40 mm in pine.

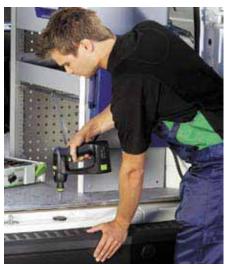
Cordless drill C 12 – The different options E = with electronics S = with SY				with SYSTAINER
Model	Е	S	Equipment/Scope of delivery	Order no.
C 12 CE-MH45-Set	c 12 CE-MH45-Set  charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, FastFix angle attachment, FastFix eccentric attachment, spare battery pack S NiMH 3.0 Ah, in a SYSTAINER SYS 1		564167	
C 12 CE-MH-C45 Set	C 12 CE-MH-C45 Set  ◆ charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, FastFix angle attachment, FastFix eccentric attachment, spare battery pack C NiMH 2.0 Ah, in a SYSTAINER SYS 1		564242	
C 12 CE-MH45-Plus  • charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFi. chuck 13 mm, bit PZ 2, spare battery pack S NiMH 3.0 Ah, in a SYSTAINER SYS 1		charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack S NiMH 3.0 Ah, in a SYSTAINER SYS 1	564165	
C 12 CE-MH-C45 Plus  • charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack C NiMH 2.0 Ah, in a SYSTAINER SYS 1		564238		
C 12 DUO NiMH 3,0 Plus	•	•	charger LC 45, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, depth stop DD-DC, bit PH 2, bit PZ 2, spare battery pack S NiMH 3.0 Ah, in a SYSTAINER SYS 1	564188

# C 12 - Handy, powerful and durable.



### Remarkably modest.

The C 12 and its extremely efficient EC-TEC motor can insert up to 240 screws into pine in combination with the compact battery pack (C NiCd). A conventional cordless drill would require a considerably heavier battery pack.



### As versatile as your work.

You can work quickly and comfortably in a wide variety of applications using the C 12. For example, installing windows, on-site assembly, trade fair construction, electrical installations, interior vehicle fitting and many more.



Work comfortably in any position.

Because of its ergonomic shape, the C 12 rests particularly snugly in your hand and is perfectly balanced in any position. This conserves your energy, whether you are working on the floor, the wall or the ceiling.



### Controlled power.

The finely-tuned EC-TEC motor and the patented compact gear mechanism enable you to insert both large and small screws with minimum effort and without overtightening or damaging the screw heads.



Comes out on top in tight situations.

Even in awkward positions, working with the C 12 requires minimum effort: In tight spaces, around corners or close to edges. Its extremely compact design and FastFix system attachments offer many benefits.



Screwdriver with twice the benefits.

The C 12 DUO is a cordless drill and drywall screwdriver in one. The depth stop guarantees a consistently accurate fastening depth – the perfect solution when constructing drywalls and wooden terraces.

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# **Drilling and screwdriving** | Cordless drill T 12+3/15+3

### Brains meet brawn.

12 volt, 15 volt, 18 volt – it's time to break with conventional thinking. With the latest T+3 Series of cordless drills, which no longer belong to a voltage class but rather in a class that is completely redefined by the interplay of brains and brawn.



### CENTROTEC tool chuck.

50% more compact and 80% lighter than standard drill chucks, the CENTROTEC tool chuck with FastFix gives true-running precision that is ten times more accurate than a bit holder.



#### A switch that saves time.

The torque setting for screwdriving is kept, even when drilling takes place at maximum torque in the meantime.



#### Precise results.

The wear-free EC-TEC motor keeps the speed constant and provides the precise power that is desired – and which can be set in advance to one of 25 available levels.



### Charging with a system.

Ergonomically perfected.

The TRC 3 quick charges Li-Ion batteries as well as the NiCd and NiMH battery packs that are already being used in the TDK and the C 12.



### EC-TEC motor.

Festool has improved the outstanding EC-TEC motor technology even further and combined it with intelligent motor management. This guarantees maximum power and a long service life.



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The light, compact design, the slender Softgrip
handle and the perfectly located centre of gravity
ensure that work goes easily and smoothly.

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These



### Lithium-ion battery packs.

These battery packs are particularly light and high performance, do not discharge by themselves, and may be charged at any time no matter their degree of charge. Completely without any memory effect.



Microprocessors monitor and control the temperature, voltage, and current consumption of the motor, electronics and battery, and therefore guarantee the longest service life.

### Cordless drill T 12+3/15+3 - The different options

E = with electronics	S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
T 12+3 Li 2,6 Set		<ul> <li>charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, FastFix angle attachment, FastFix eccentric attachment, spare battery pack S Lilon 2.6 Ah, in a SYSTAINER SYS 1</li> </ul>		564231
T 12+3 Li 2,6 Plus	•	•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack S Lilon 2.6 Ah, in a SYSTAINER SYS 1	564214
T 12+3 MH 2,0 Set	•	•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, FastFix angle attachment, FastFix eccentric attachment, spare battery pack C NiMH 2.0 Ah, in a SYSTAINER SYS 1	564229
T 12+3 MH 2,0 Plus	•	•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack C NiMH 2.0 Ah, in a SYSTAINER SYS 1	564206
T 15+3 Li 2,6 Set		•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, FastFix angle attachment, FastFix eccentric attachment, spare battery pack S Lilon 2.6 Ah, in a SYSTAINER	564235
T 15+3 Li 2,6 Plus		•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack S Lilon 2.6 Ah, in a SYSTAINER SYS 1	564225
T 15+3 MH 3,0 Plus	•	•	charger TRC 3, CENTROTEC tool chuck, wood drill bit D4 CENTROTEC, CENTROTEC bit holder, FastFix keyless chuck 13 mm, bit PZ 2, spare battery pack S NiMH 3.0 Ah, in a SYSTAINER SYS 1	564221

# The T+3 Series - in a class by itself.



Less tiring work.

Light weight in spite of enormous power – you will spend less effort when working overhead and even such a strenuous task will not wear you out.



Flexible kitchen and furniture installation.

By using the T 12+3, you will be able to work quickly and flexibly. When installing high-quality furniture and kitchen fittings, you will particularly benefit from the sensitive, fully electronic torque controls.



Living on the edge.

Applications where you need to drive in screws close to edge pose no problem. With the FastFix eccentric adapter you're able to get to places that are hard to reach even by hand.



Full power for drilling large holes.

No matter how big the challenge is: with the T 15+3 you have a real powerhouse in your hands. With its high speed and constantly high motor power it can handle even large bore diameters.



Reliable when used continuously for long periods of time.

In daily heavy-duty construction work, the T 15+3 shows what it does best with its powerful EC motor and its lithium-ion battery – it continuously provides the highest performance without pause.



Tool bit changes in seconds.

Drilling, cutting threads and fastening – the T-screwdriver and quick bit changes make all this work easy child's play. 01

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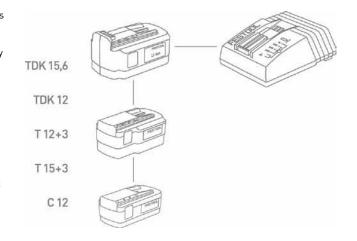
# **Drilling and screwdriving** | TRC 3 fast charger

# Emphasis on system benefits.

There are many requirements placed on a charger – it must charge up an empty battery pack as quickly as possible and, at the same time, ensure that the battery does not overheat or is overcharged. This will ensure the largest possible number of charge cycles.



To work with Festool means using the advantages that are available when working with complete tool systems. This also holds true for the recently developed and particularly high performance TRC 3 charging station. Battery packs are charged using controlled impulses that interrupt the charging process again and again for periods of milliseconds. The charging time, battery temperature and the current state of charge are continuously monitored and the charging current is adjusted as needed. In this way, the high performance of the battery packs as well as the large number of charge cycles are ensured. Along with the monitoring function of the tool during operation, a safety concept is produced that, for the first time, permits us to offer a three-year warranty on all of the components: the cordless drill, charger and battery pack.



In the latest T+3 Series of drills, battery packs for the C 12 and TDK Series of the same voltage can also be used.

The new TRC 3 charger is able to charge all the different types of battery packs. This results in the greatest flexibility and economy.

Rapid charger – The different options E = with electronics S =			with SYSTAINER	
Model	Е	S	Equipment/Scope of delivery	Order no.
Rapid charger TRC 3	_	-	for all Festool NiCd, NiMH and Li-ion battery packs, in carton	494676
Rapid charger LC 45	_	_	for all Festool NiCd and NiMH battery packs, in carton	491820

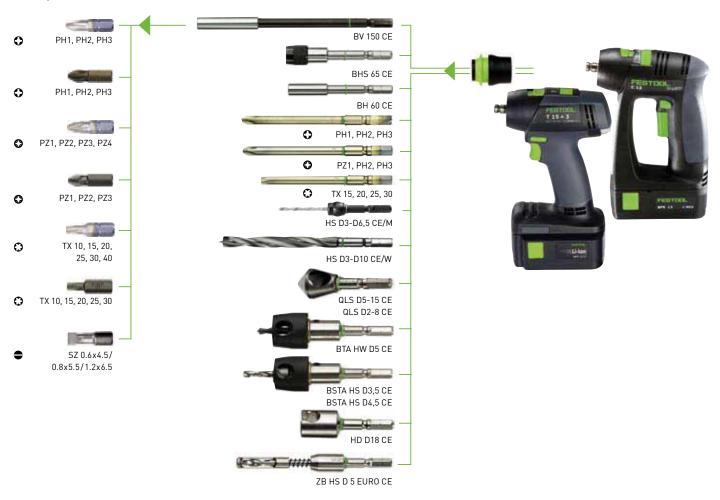


			C 12	T 12+3	T 15+3	TDK 12	TDK 15
	12 V	2.0 Ah	•	•		•	
NiMH	12 V	3.0 Ah	•	•		•	
	15.6 V	3.0 Ah			•		•
Li-lon	10.8 V	2.6 Ah		•			
LI-ION	14.4 V	2.6 Ah			•		
	12 V	1.3 Ah	•	•		•	
NiCd	12 V	2.4 Ah	•	•		•	
	15.6 V	2.4 Ah			•		•

Acc	cessories for the C 12, T 12+3 and	1 15+3 cordless drills	
	Product	Explanation	Order no.
1	Tool chuck WH-CE CENTROTEC	for all Festool cordless drills with FastFix connection, in self-service display pack	492135
2	Keyless chuck BF-FX 10 FastFix	for all Festool cordless drills with FastFix connection, Clamping range 1-10 mm, in self-service display pack	491350
	Keyless chuck BF-FX 13 FastFix	for all Festool cordless drills with FastFix connection, Clamping range 1,5-13 mm, in self-service display pack	490698
3	FastFix eccentric attachment DD-ES	for all Festool cordless drills with FastFix connection, in self-service display pack	490294
4)	FastFix angle attachment DD-AS	for all Festool cordless drills with FastFix connection, in self-service display pack	490293
5)	Depth stop FastFix DD-DC	for all Festool cordless drills with FastFix connection, in self-service display pack	493539
6)	Battery pack BPS 12 Li 2,6 Ah	replacement battery for cordless drill T 12+3, lithium ion (Li-Ion), Voltage 10,8 V, Capacity 2,6 Ah, Weight 470 g, in self-service display pack	494831
	Battery pack BPS 15 Li 2,6 Ah	replacement battery for cordless drill T 15+3, lithium ion (Li-Ion), Voltage 14,4 V, Capacity 2,6 Ah, Weight 560 g, in self-service display pack	494832
7)	Compact battery pack BPS 12 C NiCd 1,3 Ah	replacement battery for cordless drills T 12+3, TDK 12, C 12, C 12 DUO, Nickel cadmium (NiCd), Voltage 12 V, Capacity 1,3 Ah, Weight 560 g, in self-service display pack	493348
	Compact battery pack BPS 12 C NiMH 2,0 Ah	replacement battery for cordless drills T 12+3, TDK 12, C 12, C 12 DUO, nickel metal hydride (NiMH), Voltage 12 V, Capacity 2,0 Ah, Weight 570 g, in self-service display pack	491825
8)	Battery pack BPS 12 S NiCd 2,4 Ah	replacement battery for cordless drills T 12+3, TDK 12, C 12, C 12 DUO, Nickel cadmium (NiCd), Voltage 12 V, Capacity 2,4 Ah, Weight 760 g, in self-service display pack	492268
	Battery pack BPS 12 S NiMH 3,0 Ah	replacement battery for cordless drills T 12+3, TDK 12, C 12, C 12 DUO, nickel metal hydride (NiMH), Voltage 12 V, Capacity 3,0 Ah, Weight 760 g, in self-service display pack	491821
9)	Battery pack BPS 15,6 S NiCd 2,4 Ah	replacement battery for cordless drills T 15+3, TDK 15,6, Nickel cadmium (NiCd), Voltage 15,6 V, Capacity 2,4 Ah, Weight 940 g, in self-service display pack	492269
	Battery pack BPS 15,6 S NiMH 3,0 Ah	replacement battery for cordless drills T 15+3, TDK 15,6, nickel metal hydride (NiMH), Voltage 15,6 V, Capacity 3,0 Ah, Weight 940 g, in self-service display pack	491823
10)	Rapid charger TRC 3	for all Festool NiCd, NiMH and Li-ion battery packs, in carton	494676
	Rapid charger LC 45	for all Festool NiCd and NiMH battery packs, in carton	491820
11)	Empty Systainer	see "SYSTAINER, SORTAINER and Systainer-Port", from page 313	

# **Drilling and screwdriving** | Screwdriver and drill bits

# C 12, T 12+3 and T 15+3



### A revolutionary system - CENTROTEC by Festool.



### CENTROTEC benefits: 20-50-100.

The CENTROTEC tool chuck weighs only 20% of the FastFix keyless chuck and is 50% shorter. But its features impress 100%.



### 10 x better running precision.

The CENTROTEC chuck achieves true- running precision that is ten times better than that of a standard bit holder, helping you drill perfect holes. Screwdriver and drill bits can be clamped using the same tool holder.



### Easy to change.

The CENTROTEC chuck can be fitted to all Festool cordless drills with a FastFix interface. You can change rapidly between screwdriver bit and drill bit and vice versa with a single hand movement. CENTROTEC tools are also compatible with standard chucks.

# Novadrive and CENTROTEC range of rechargeable battery accessories

		Description	Pcs	l/mm	Model	Order no.
<b>—</b>		Bit Pozidriv				
	$\bigcirc$	Size: PZ 1	3	25	HiQ PZ 1-25 /3	490471
		Size: PZ 2	3	25	HiQ PZ 2-25 /3	490472
		Size: PZ 3	3	25	HiQ PZ 3-25 /3	490473
		Size: PZ 1	10	25	PZ 1-25 /10	490481
No. of Concession, Name of	$\bigoplus$	Size: PZ 2	10	25	PZ 2-25 /10	490482
		Size: PZ 3	10	25	PZ 3-25 /10	490483
		Phillips bit				
	lacksquare	Size: PH 1	3	25	HiQ PH 1-25 /3	490491
	•	Size: PH 2	3	25	HiQ PH 2-25 /3	490492
		Size: PH 3	3	25	HiQ PH 3-25 /3	490493
		Size: PH 1	10	25	PH 1-25 /10	490501
the Lot	lacksquare	Size: PH 2	10	25	PH 2-25 /10	490502
	•	Size: PH 3	10	25	PH 3-25 /10	490503
		Slot bit				
Company of the Compan		Size: SZ 0.6x4.5	10	25	SZ 0.6x4.5-25/10	493309
	$lue{}$	Size: SZ 0.8x5.5	10	25	SZ 0.8x5.5-25/10	493310
		Size: SZ 1.2x6.5	10	25	SZ 1.2x6.5-25/10	493311
		Torx bit				
		Size: TX 10	3	25	HiQ TX 10-25 /3	490494
		Size: TX 15	3	25	HiQ TX 15-25/3	490495
		Size: TX 20	3	25	HiQ TX 20-25 /3	490496
		Size: TX 25	3	25	HiQ TX 25-25 /3	490497
		Size: TX 30	3	25	HiQ TX 30-25 /3	490498
		Size: TX 40	3	25	HiQ TX 40-25 /3	490499
		Size: TX 10	10	25	TX 10-25 /10	490504
		Size: TX 15	10	25	TX 15-25 /10	490505
		Size: TX 20	10	25	TX 20-25 /10	490506
	lacksquare	Size: TX 25	10	25	TX 25-25 /10	490507
		Size: TX 30	10	25	TX 30-25 /10	490508
L		CENTROTEC bits				
		Size: PZ 1	2	100	HiQ PZ 1-100 CE/2	492527
	$\bigoplus$	Size: PZ 2	2	100	HiQ PZ 2-100 CE/2	492528
		Size: PZ 3	2	100	HiQ PZ 3-100 CE/2	492529
		Size: PH 1	2	100	HiQ PH 1-100 CE/2	492530
		Size: PH 2	2	100	HiQ PH 2-100 CE/2	492531
	_	Size: PH 3	2	100	HiQ PH 3-100 CE/2	492532
		Size: TX 15	2	100	HiQ TX 15-100 CE/2	492533
	·	Size: TX 20	2	100	HiQ TX 20-100 CE/2	492534
		Size: TX 25	2	100	HiQ TX 25-100 CE/2	492535
		Size: TX 30	2	100	HiQ TX 30-100 CE/2	492536
		Size: SZ 0.8x5.5	2	100	HiQ SZ 0.8x5.5-100 CE/2	492537
		Size: SZ 1.5-6.5	2	100	HiQ SZ 1,5-6.5-100 CE/2	492538
GOOD STATE OF THE PARTY OF THE		Bit box, Pozidriv	10-piece		2x PZ 1, 5x PZ 2, 2x PZ 3, CENTROTEC magnetic	493260
-					bit holder BH 60 CE	
	i i	Bit box, Torx	10-piece	9	1x TX 10, 2x TX 15, 3x TX 20, 2x TX 25, 1x TX 30,	493261
	li				CENTROTEC magnetic bit holder BH 60 CE	
	6	Bit box, Mix	10-piece	9	PH 1, PH 2, PZ 1, PZ 2, PZ 3, TX 15, TX 20, TX 25,	493262
THE PARTY OF	N.				SZ 0.8x55, CENTROTEC magnetic bit holder	
					BH 60 CE	

 ${\sf HiQ}$  = bits with zirconium duplex coating for better grip on the screw head and longer service life.

# **Drilling and screwdriving** | Screwdriver and drill bits

# Novadrive and CENTROTEC range of rechargeable battery accessories

	Description	Pcs	dia./mm	Model	Order no.
	Rapid-change bit holder	1		BHS 65 CE	492648
	Magnetic bit holder	1		BH 60 CE	492539
	Extra-long magnetic bit holder	1		BV 150 CE	492540
	CENTROTEC HSS spiral drill bit,				
	•	1	3	HSS D 3/33 CE/M-Set	493421
		1	3.5	HSS D 3.5/39 CE/M-Set	493422
		1	4	HSS D 4/43 CE/M-Set	493423
		1	4.5	HSS D 4.5/47 CE/M-Set	493424
		1	5	HSS D 5/52 CE/M-Set	493425
		1	5.5	HSS D 5.5/57 CE/M-Set	493426
		1	6	HSS D 6/57 CE/M-Set	493427
		1	6.5	HSS D 6.5/63 CE/M-Set	493428
		1	8.0	HSS D 8.0/75 CE/M-Set	495308
		1	10.0	HSS D 10.0/75 CE/M-Set	495309
- Company					
4 2 3000	Spiral drill bit case with CENTRO	, polished			
	Complete drill bit with bit holder and replacement bit	10-piec	e 3-10	HSS D 3-10 CE/10	495128
	Replacement bit for CENTROTEC				
		10	3	HSS D 3/33 M/10x	493437
		10	3.5	HSS D 3.5/39 M/10x	493438
		10	4	HSS D 4/43 M/10x	493439
		10	4.5	HSS D 4.5/47 M/10x	493440
		10	5	HSS D 5/52 M/10x	493441
		10	5.5	HSS D 5.5/57 M/10x	493442
		10	6	HSS D 6/57 M/10x	493443
		10	6,5	HSS D 6,5/63 M/10x	493444
		5	8.0	HSS D 8.0/75 M/5x	495310
		5	10.0	HSS D 10.0/75 M/5x	495311
	Novadrive HSS spiral drill bit, po				
		lished in ac	cordance wit	h DIN 338	
100000000000000000000000000000000000000	Nordanire 1100 Spirat dritt bit, po	10	cordance wit		492541
	nordanie noo spriat drikt sit, po			HSS D 1/10	492541 492542
	notative noo spirat and sti, po	10	1	HSS D 1/10 HSS D 1.5/10	492542
	Total Te 135 Spirata Kest, pe	10 10 10	1 1.5 2	HSS D 1/10 HSS D 1.5/10 HSS D 2/10	492542 492543
	Total To Tibe Spirat at North, po	10 10 10 10	1 1.5 2 2.5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10	492542 492543 492544
AND SALE	Total	10 10 10 10 10	1 1.5 2 2.5 3	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10	492542 492543 492544 492545
	Total To Tibe Spirat at Notify po	10 10 10 10	1 1.5 2 2.5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3.5/10	492542 492543 492544
		10 10 10 10 10 10	1 1.5 2 2.5 3 3.5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10	492542 492543 492544 492545 492546
THE REAL PROPERTY.		10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3.5/10 HSS D 4/10	492542 492543 492544 492545 492546 492547
THE REAL PROPERTY AND ADDRESS OF THE PARTY AND		10 10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3.5/10 HSS D 4/10 HSS D 4.5/10 HSS D 5/10	492542 492543 492544 492545 492546 492547 492548 492549
TO STATE OF THE PARTY OF THE PA		10 10 10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4 4.5 5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3.5/10 HSS D 4/10 HSS D 4.5/10	492542 492543 492544 492545 492546 492547 492548
CENTER.		10 10 10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4 4.5 5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3/5/10 HSS D 3.5/10 HSS D 4/10 HSS D 4.5/10 HSS D 5/10 HSS D 5/10 HSS D 5.5/10	492542 492543 492544 492545 492546 492547 492548 492549 492550
CENTER.  THE STATE OF THE STATE		10 10 10 10 10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3/5/10 HSS D 3.5/10 HSS D 4/10 HSS D 4.5/10 HSS D 5/10 HSS D 5/10 HSS D 5/10 HSS D 5/10	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551
CONTINUE OF THE PARTY OF THE PA		10 10 10 10 10 10 10 10 10 10 10 10 10	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3.70 HSS D 3.5/10 HSS D 4.70 HSS D 4.5/10 HSS D 5.710 HSS D 5.710 HSS D 5.5/10 HSS D 5.5/10 HSS D 6.710 HSS D 6.710 HSS D 7.75	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552
CONTRACTOR OF THE PARTY OF THE		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3/10 HSS D 3.5/10 HSS D 4/10 HSS D 4/5/10 HSS D 5/10 HSS D 5/10 HSS D 5/10 HSS D 5.5/10 HSS D 6/10 HSS D 6.5/10	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552 492553
CONTINUE OF THE PARTY OF THE PA		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3/10 HSS D 3.5/10 HSS D 3.5/10 HSS D 4/10 HSS D 5/10 HSS D 5/10 HSS D 5/10 HSS D 5/10 HSS D 5.5/10 HSS D 6/10 HSS D 6.5/10 HSS D 7/5 HSS D 7/5	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552 492553 492554
CONTINUE OF STREET		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3.70 HSS D 3.5/10 HSS D 4.70 HSS D 4.5/10 HSS D 5.710 HSS D 5.5/10 HSS D 5.5/10 HSS D 5.5/10 HSS D 6.710 HSS D 6.5/10 HSS D 8.5/10 HSS D 8.5/5	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552 492553 492554 492555
CONTINUE DE LA CONTIN		10 10 10 10 10 10 10 10 10 10 10 10 10 5 5	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3.5/10 HSS D 3.5/10 HSS D 4.5/10 HSS D 4.5/10 HSS D 5/10 HSS D 5/10 HSS D 5.5/10 HSS D 5.5/10 HSS D 5.5/10 HSS D 6.5/10 HSS D 8.5/10 HSS D 8.5/10	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552 492553 492554 492555 492555
TO THE LABOR TO TH		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8	HSS D 1/10 HSS D 1.5/10 HSS D 2/10 HSS D 2.5/10 HSS D 3.5/10 HSS D 3.5/10 HSS D 4.5/10 HSS D 4.5/10 HSS D 5/10 HSS D 5/10 HSS D 5.5/10 HSS D 6.5/10 HSS D 6.5/10 HSS D 8.5/5 HSS D 8.5/5 HSS D 8.5/5 HSS D 9/5	492542 492543 492544 492545 492546 492547 492548 492549 492550 492551 492552 492553 492554 492555 492556 492557

 $\label{eq:hiQ} \mbox{HiQ = bits with zirconium duplex coating for better grip on the screw head and longer service life.}$ 

# Novadrive and CENTROTEC range of rechargeable battery accessories

	Description	Pcs	dia./mm	Model	Order no.
100000	CENTROTEC spiral wood drill bit with centering point				
	SERVINOTES SPILAR WOOD OF INC. SIC WIL	1	3	D 3 CE/W	492512
		1	4	D 4 CE/W	492513
		1	5	D 5 CE/W	492514
		1	6	D 6 CE/W	492515
		1	7	D 7 CE/W	492516
		1	8	D 8 CE/W	492517
		1	10	D 10 CE/W	492518
	Drill bit case	5-piece	3-8	BKS D 3-8 CE/W	493648
	Drill bit case	5-piece	3-8	BKS D 3-8 CE/W – short version	495130
4	OFNITROTES F				
	CENTROTEC Forstner drill bits	1	15	CE D 15	496472
AG.		1	20	CE D 20	496473
		1	25	CE D 25	496474
		1	30	CE D 30	496475
		1	35	CE D 35	496476
	Set, 5-piece with centre drill	<u>.</u> 1	15-35	CE-Set D 15-35	496390
_		·		02 000 00 00	170070
	CENTROTEC Other tools				
		1	2-8	QLS D2- 8 CE	492520
	Cross-hole countersink	1	5-15	QLS D5-15 CE	492521
	Drill bit with depth stop	1	5	BTA HW D5 CE	492522
	Replacement bit 1)	1	5	HW D5 F.BTA	491794
				for drill bits with depth stop (not shown)	
	Drill/countersink bit with depth stop	1	3.5	BSTA HS D3,5 CE	492523
	Replacement bit 1)	1	3.5	TIN D3.5 F.BSTA for drill/countersink bit	494445
				with depth stop (not shown)	
	Replacement countersink 1	1	13	HS D13/3.5 f.BSTA for drill/countersink bit	491796
	D 31/			with depth stop (not shown)	(0050)
		1	4.5	BSTA HS D4.5 CE for drill/countersink bit	492524
	depth stop <sup>1)</sup>	1	, -	with depth stop (not shown)	101111
	Replacement bit 11	1	4.5	D4.5 F.BSTA D4.5 CE for drill/countersink bit	494446
	Poplacement sounter-int-11	1	10	with depth stop (not shown)	/0/045
	Replacement countersink 11	1	13	HS D13/4.5 f. BSTA for drill/countersink bit with depth stop (not shown)	494815
	Drill/countersink bit with depth stop	1	5	BSTA HS D5 CE	496451
	Replacement bit 11	1	5	EB-BSTA D 5/5x for drill/countersink bit	496452
				with depth stop (not shown)	
	Replacement countersink <sup>1]</sup>	1	13	HS D13/5 f. 1 BSTA for drill/countersink bit with depth stop (not shown)	496453
	Depth stop collar	1		BTA/BSTA 5x	495882
	<u> </u>	1	5	ZB HS D5 EURO CE	492525
			· ·	with depth limitation	1,2020
				for 5 mm Euro screws	
	Replacement bit 11			D5	493572
				for centre drill bits (not shown)	
	Hook driver	1	18	HD D18 CE	492526
	CENTROTEC adapter			BA-CE	496450
-				for drills	

<sup>1]</sup> Replacement part