

Performance is not a question of size.
The new lithium-ion battery programme – a class of its own.



No task too difficult. No operation too tough.
A serious promise that we keep with ease.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact driver/wrench



The new PROTOOL cordless drill/drivers. Uniquely handy, with long-lasting, concentrated power for all cases. For rapid fastening, improved drilling speed and perfect results.

DRC Cordless Drill: The compact tool with a powerful twist for drilling and fastening.

PDC Cordless Impact Drill: The compact hammer drill for drilling or driving screws in masonry or wood.

IDC Cordless impact driver and IWC Cordless Impact Wrench: Two multi-functional tools for tough drilling work and, an impact mode for exceptionally high-torque fastening.

Strong words? We will prove to you that our new cordless programme leaves nothing to be desired technically, nor with regard to application versatility. Just have a look at the next page!

Concentrated power: Maximum performance in a compact package.



More features yet more compact.
The new PROTOOL cordless programme is full of practical ideas and innovative technology. All in the most compact form.

Compact size also means less weight. You'll notice this advantage as soon as you pick it up, but you'll really appreciate it after a long day on site, when the tool still feels as light as a feather in your hands.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact Driver/wrench



1

Precise, fatigue-free work: the electronic torque shut-off.

You can set the torque to perfectly suit the workpiece. Select one of the 12 settings and when the torque limit is reached, the electronics stop the rotation - so there's no wear on the clutch. When the maximum torque is reached, the electronics switches off the tool.



4

Practically indestructible! The metal gear unit.

Logical: metal is simply more robust than plastic! And even more important: only metal can resist the enormous forces and rotational speeds of the PROTOOL EC-TEC motor in the long term.



2

Instant change. The FastFix interface.

Change your PROTOOL inserts as quick as lightning thanks to FastFix. One click and it's done - in next to no time and without tools!



5

No slipping!

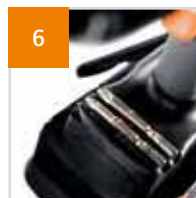
All contact surfaces are coated with rubber, for comfortable operation, protection against scratches and marks and to keep it from sliding off the roof!



3

Small, light, multi-talented. The CENTROTEC chuck.

It is smaller and lighter than conventional chucks. Bits and drill bits are simply inserted and locked in.



6

Absolute control. The ergonomic highlights.

PROTOOL has integrated what other tools only offer separately: the belt clip (for right and left handers) and the bit holder. With softgrip, you always have the tool and your work under control.



7

Brushless EC-TEC motor:

- Longest possible service life
- Tremendous efficiency

Lithium-ion battery:

- Top energy concentration at lowest possible weight
- No memory effect

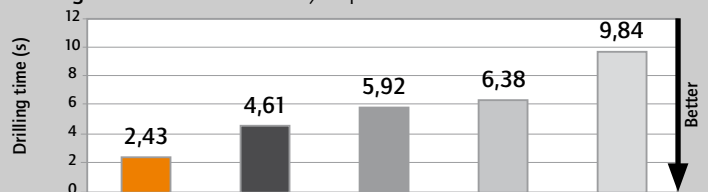


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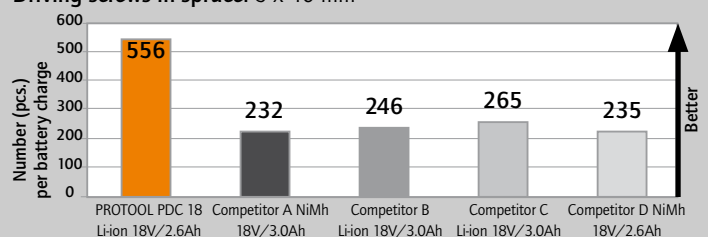
Perfect on their own – unbeatable together:

- up to 50 % faster drilling speed
- up to 100 % more efficient for fastening

Drilling in steel: diameter 4 mm/depth 5 mm



Driving screws in spruce: 5 x 40 mm



Source: PROTOOL testing laboratory 2007.

DRC cordless drill.

The compact tool with a powerful twist.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact driver/wrench

Four gears, many options for drilling and fastening.

When driving screws, no other tool can match the performance of the DRC, when it comes to torque and work capacity per battery charge. The DRC also provides the particularly high speeds required for faster drilling progress and exceptional precision. The drill fits comfortably in your hand and is hardly noticeable when working over long periods, even when working overhead. In short: DRC is the ideal combination of ergonomics, power, speed and innovative motor and battery technology.

A new performance class for cordless drills!



The first cordless drill/driver that can drill properly.

3,800 rpm in 4th gear! The drilling speed of the DRC surpasses all other conventional cordless drills. These high speeds ensure fast, clean drilling progress and absolute precision, ideal when drilling pilot holes for fasteners.

A tool for all screws.

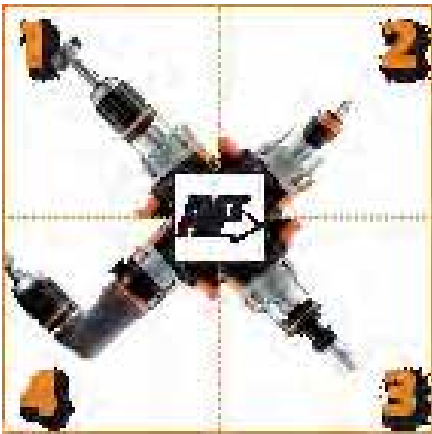
With its maximum torque of 60 Nm in 1st gear, the DRC, supported by the powerful 18V-battery, drives large diameter screws cleanly into wood - no pilot hole necessary! It'll drive 10 x 300 mm without screws any problems.



Technical data	DRC 12-4 TEC LI	DRC 15-4 TEC LI	DRC 18-4 TEC LI
Battery voltage/capacity	10.8V Li-ion 2.6 Ah	14.4V Li-ion 2.6 Ah	18V Li-ion 2.6 Ah
Speed (no load)	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm
Torque hard/soft (Nm)	45/25 Nm	55/35 Nm	60/40 Nm
Maximum Drill dia. in wood/metal (mm)	40/12 mm	45/12 mm	50/12 mm
Chuck capacity	1.5-13 mm	1.5-13 mm	1.5-13 mm
Weight incl. CENTROTEC chuck	1.6 kg	1.7 kg	1.8 kg

DRC cordless drill.

Our best ideas attach here.



Easily adaptable

The linchpin of the DRC cordless drill is the unique FastFix interface. It enables quick conversion of the drill to suit a wide variety of applications - without tools!

Simply click the Centrotec chuck, keyless chuck, angle adapter or 3/8" square drive onto the Bi-spindle and it's ready to go! The Bi-spindle also has a 1/4" hex recess bit holder, so just remove the chuck and the tool becomes an exceptionally compact, light-weight screwdriver.

But there's still more – matching accessories are available for almost every application. And it's all stored, protected and transported in a rugged, space-saving Systainer.





DRC: Cordless Drill

PDC: Cordless impact drill

IDC/IWC: Cordless impact driver/wrench



Overcome tight spaces!

The angle adapter.

The angle adapter clicks onto the Bi-spindle of the DRC without tools. With it, fastening and drilling in difficult-to-access areas is comfortable, trouble-free and fast. It has an integral 1/4" hex recess bit holder and attaches to the Centrotec chuck, keyless chuck and square drive adapters. What's more, it can also be used with the PROTOOL QuaDrill DRP 16!



Tool-less bit changes: CENTROTEC.

The PROTOOL *CENTROTEC* chuck is a lot smaller, lighter and more manageable than a conventional chuck. This is particularly noticeable during continuous use. Bits and drill bits can be changed in seconds saving you time and money.



More power, more safety.

Chuck with sure grip booster

The chuck with sure grip booster does what it promises. The optimised clamping force prevents unintentional loosening of the chuck, thus minimising wear on the bit.



Fantastic box.

Systainer with accessories sorting function.

Organisation is half the job. The new PROTOOL Systainer stores the tool, attachments, spare battery, charger and other system accessories neatly and safely for transport. Everything is laid out for you clearly and ready for use.

PDC cordless impact drill.

The cordless tool that makes an impact.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact Screwdriver

For drilling and fastening in masonry and wood.

The 1st gear provides maximum torque for driving screws with a very wide range of diameters and lengths. 10 x 300 mm without a pilot hole? That's not a problem either! The 4th gear with a speed of up to 3,800 rpm guarantees optimum drill progress. And when it comes to the crunch, engage the impact (hammer) mode for fast results in stone and masonry materials, e.g. sand-lime brick, tiles and foam mortar.

In short: the PDC is the compact hammer drill that's ideal for the building site - a tool for almost all drilling and screwdriving tasks in a variety materials!



Impact (hammer) mode for fast drilling in masonry

Leave your electric drill in the ute. The PDC gives you the versatility and power to drill and fasten in a huge range of building materials.



Built for serious fastening jobs

The larger the screw, the higher the torque must be.

In 1st gear (up to 60 Nm), the PDC even drives long, large-diameter screws without any trouble - and without a pilot hole.



Technical data	PDC 12-4 TEC LI	PDC 15-4 TEC LI	PDC 18-4 TEC LI
Battery voltage/capacity	10.8V Li-ion 2.6 Ah	14.4V Li-ion 2.6 Ah	18V Li-ion 2.6 Ah
Speed (no load)	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm	1st gear 0-400 rpm 2nd gear 0-850 rpm 3rd gear 0-1.850 rpm 4th gear 0-3.800 rpm
Impact frequency	1st gear 0-8.000 rpm 2nd gear 0-17.000 rpm 3rd gear 0-37.000 rpm 4th gear 0-76.000 rpm	1st gear 0-8.000 rpm 2nd gear 0-17.000 rpm 3rd gear 0-37.000 rpm 4th gear 0-76.000 rpm	1st gear 0-8.000 rpm 2nd gear 0-17.000 rpm 3rd gear 0-37.000 rpm 4th gear 0-76.000 rpm
Torque hard/soft	45/25 Nm	55/35 Nm	60/40 Nm
Maximum Drill diameter in wood/metal	40/12 mm	45/12 mm	50/12 mm
Maximum Drill dia. in masonry (tiles)	10 mm	10 mm	10 mm
Chuck capacity	1.5-13 mm	1.5-13 mm	1.5-13 mm
Weight incl. CENTROTEC chuck	1.6 kg	1.8 kg	1.9 kg

PDC cordless impact drill.

The right tool is just a click away.



Simply ingenious – ingeniously simple.
The FastFix interface.

The linchpin of the PDC cordless impact drill is the unique FastFix interface. It enables quick conversion of the drill to suit a wide variety of applications - without tools!

Simply click the Centrotec chuck, keyless chuck, angle adapter or 3/8" square drive onto the Bi-spindle and the PDC is ready for new tasks! The Bi-spindle also has a 1/4" hex recess bit holder, so just remove the chuck and the tool becomes an exceptionally compact, lightweight screwdriver.

The tool and accessories are stored in the space-saving PROTOOL Systemainer.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact driver/wrench



Everything firmly under control.
For even more room to manoeuvre: the lockable side handle gives you complete control during high-torque applications.



The smart way through walls.
There are hardly any materials that the PDC cannot drill into quickly and neatly. Masonry or wood, with or without impact. The unique 4-speed gearing makes the PDC the most versatile cordless tool on all building sites.

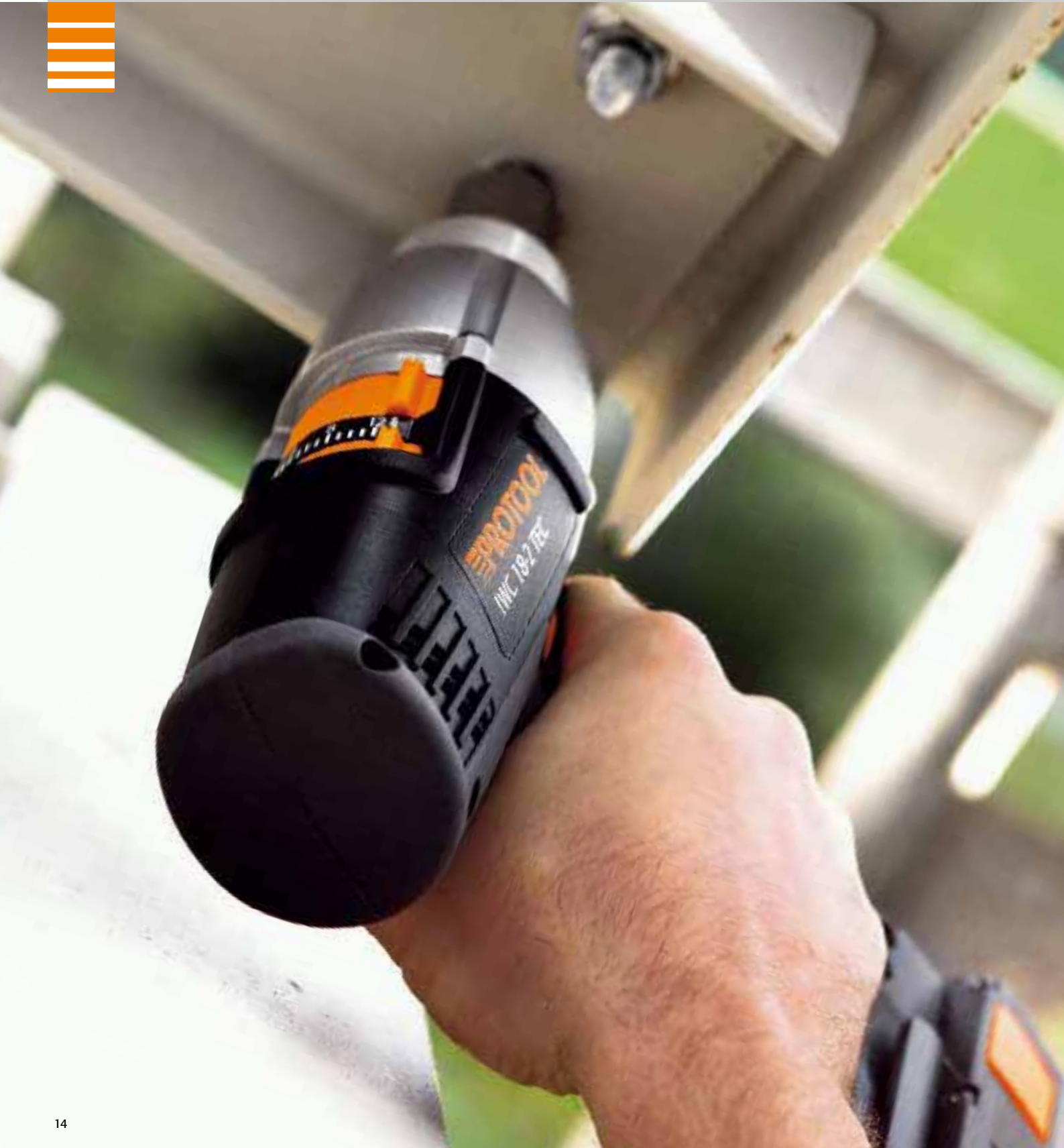


High speed drilling in metal plate.
Even in applications that require very high rotational speeds, the PDC is unbeatable. For example, drilling holes in metal plate. With a speed of up to 3,800 rpm, it far exceeds the speed limits of conventional cordless drills.



Everything perfectly organised.
Systainer with accessories sorting function.
The new PROTOOL Systainer brings together what belongs together: tool, attachments, spare battery, charger and other accessories are stored neatly and safely for transport. Everything is laid out for you clearly and ready for use.

IDC cordless impact driver and IWC cordless impact wrench.
Two tools for really tough applications.





DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact driver/wrench

The cordless screwdrivers/impact drivers.

With the IDC and IWC, you will easily meet the toughest of challenges: large screws in steel construction, fastening anchors in concrete or drilling pilot holes in steel for blind rivets. Extra power is provided by the rotational impact mechanism. The enormous impact pulse delivers torque that could never be achieved through rotatory force alone. Switch into one of the two non-impact gears and the IDC and IWC can also be used for drilling and low-torque fastening tasks. With the *CENTROTEC* chuck, the machines are converted in seconds – without tools!



Full programme.

Whether you are drilling, screwdriving or impact driving in wood or steel – the concentrated power of the IDC and IWC ensures that even particularly difficult fastening tasks can be completed without any problems.

Full power.

With the impact mode engaged, the IDC and IWC generate torque previously experienced only with mains-operated impact wrenches. Wheel nuts and screw anchors can be tightened "rock solid". Or stuck screws can be released effortlessly! In places that can't be reached by a cable.



Technical data	IDC 15-2 TEC LI*	IWC 18-2 TEC LI*
Battery voltage/capacity	14.4V Li-ion 2.6 Ah	18V Li-ion 2.6 Ah
Speed (no load)	1st gear 0-520 rpm 2nd gear 0-2,500 rpm in impact mode 0-1,700 rpm	1st gear 0-520 rpm 2nd gear 0-2,500 rpm in impact mode 0-1,700 rpm
Impact frequency	0-3,400 rpm	0-3,400 rpm
Torque hard/soft	55/35 Nm	60/40 Nm
Torque in "impact" mode	200 Nm	300 Nm
Drill diameter in wood/metal	45/12 mm	50/12 mm
Weight incl. <i>CENTROTEC</i>	2.1 kg	2.3 kg

*Available from Spring 2008.

IDC cordless impact driver and IWC cordless impact wrench. Even more hard facts.



All-round genius.

With FastFix and *CENTROTEC*.

FastFix makes it possible to change chucks and bits as quick as a flash with a single click. The small *CENTROTEC* chuck enables fast, tool-less bit changes.



Ideal arrangement.

Systainer with accessories sorting function.

Each part in the right place: The new PROTOOL Systainer stores the tool, attachments, spare battery, charger other accessories neatly and safely for transport. Everything is laid out for you clearly and ready for use.



DRC: Cordless Drill

PDC: Cordless Impact Drill

IDC/IWC: Cordless Impact driver/wrench



Screwdriving without impact.

In 1st gear, the IDC and IWC generate up to 60 Nm of torque. This is suitable for inserting small and medium-sized screws, e.g. 8 x 220 mm.



Drilling without impact.

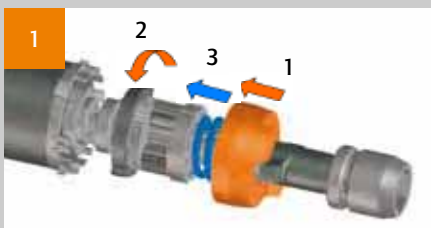
In 2nd gear, the IDC and IWC generate up to 2,500 rpm. At the same time, the two PROTOOL "power packs" develop optimised speeds for precise drilling, in wood. The small, light *CENTROTEC* chuck guarantees quick insertion of the drill bits and reduces the weight of the tool.



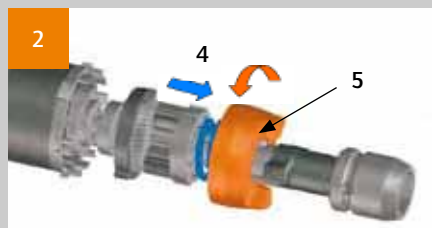
Fastening with impact.

The greatest torque output is produced by the IDC and IWC in impact mode. There's no kick-back – even when working with one hand.

Extra power from impact mode



The impact mechanism (1) is pushed to the rear by motor rotation (2) and compulsory guidance (3) and stores energy.




The pressure spring (4) releases the stored energy (5) which accelerates the impact mechanism (5).



The impact mechanism (6) strikes the side of the anvil (6). The extremely powerful impact pulse is transmitted via the spindle to the bit.

The full programme.

Placing all our expertise in your hands.

	Systainer	Model	Art. no.		
Scope of delivery  <p>1 2 3</p> <p>Basic unit, 2 x battery pack, <i>CENTROTEC</i> chuck, <i>CENTROTEC</i> bit holder, bits, charger, Systainer - DRC and PDC: + chuck - DRC and PDC set versions: + angle adapter - DRC and PDC 18V versions: + auxiliary handle</p>	1.	Cordless drills	DRC 12-4 TEC LI DRC 12-4 TEC LI SET DRC 15-4 TEC LI DRC 18-4 TEC LI DRC 18-4 TEC LI SET	636 474 636 486 636 475 636 477 636 488	
	2.	Cordless impact drill	PDC 12-4 TEC LI PDC 12-4 TEC LI SET PDC 15-4 TEC LI PDC 18-4 TEC LI PDC 18-4 TEC LI SET	636 478 636 489 636 480 636 482 636 490	
	3.	Cordless impact driver/wrench	IDC 15-2 TEC LI* IWC 18-2 TEC LI*	636 483 636 485	

*Available from Spring 2008.

Accessories  <p>1</p> <p>5</p> <p>6</p> <p>7</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p>	1.	Angle adapter with FastFix connection Collar diameter: 43 mm	AU-DRP16	635 865	
	2.	Plastic keyless chuck Interface: FastFix Clamping range: 1.5-13 mm	KC 13-1/2 K-FF	636 505	
		Metal keyless chuck Interface: FastFix Clamping range: 1.5-13 mm	KC 13-1/2 M-FF	635 867	
	3.	Socket head adapter Rapid change adapter for holding socket wrenches with 3/8" square Interface: FastFix	AD 3/8" FF	635 866	
	4.	Socket wrench insert with magnetic ring Interface: square 3/8"	SW 10-/3/8" FF Magnetic SW 13-/3/8" FF Magnetic	636 218 636 219	
	5.	<i>CENTROTEC</i> chuck	CC-CE	635 868	
		<i>CENTROTEC</i> chuck Impact	CC-IP	636 508	
	6.	<i>CENTROTEC</i> bits	PZ 1-55 CE PZ 2-55 CE PZ 3-55 CE PH 1-55 CE PH 2-55 CE PH 3-55 CE TX 10-55 CE TX 15-55 CE TX 20-55 CE TX 25-55 CE TX 30-55 CE TX 40-55 CE	635 871 635 872 635 873 636 207 636 208 636 209 636 210 636 211 636 212 636 213 636 214 636 215	
	7.	<i>CENTROTEC</i> bit holder	BH 60 CE (magnet bit holder) BHS 65 CE (rapid change bit holder)	635 870 635 869	
	8.	Charger	BC 3	636 498	
	9.	Battery pack 10.8V Li-ion	BP12 2.6 Ah Li-ion	636 511	
	Battery pack 14.4V Li-ion	BP15 2.6 Ah Li-ion	636 503		
	Battery pack 18.0V Li-ion	BP18 2.6 Ah Li-ion	636 504		
10.	Auxiliary handle	AH-43/185 AH-43/230	636 506 636 507		
11.	Empty Systainer SYS	SYS-BS Cordless	636 500		



Systainer

Scope of delivery

Model

Art. no.

CENTROTEC Systainer



CENTROTEC Systainer

- 1 Systainer SYS 1
 - 5 **CENTROTEC** spiral wood drill bits: D 4, D 5, D 6, D 8, D 10
 - **CENTROTEC** HSS drill bits: D 3, D 4, D 5, D 6, D 8, D 10
6 Complete drill bits with drill bit holder and 6 spare drill bits + Allen key in SYS-Case + 12 spare drill bits
 - 1 of each **CENTROTEC** bit: PH 1-55 CE, PH 2-55 CE, PZ 2-55 CE, PZ 3-55 CE TX 10-55 CE, TX 15-55 CE, TX 20-55 CE TX 25-55 CE, TX 30-55 CE, TX 40-55 CE
 - 2 **CENTROTEC** bit holders: BH 60 CE, BHS 65 CE
 - 5 standard bits respectively, 25 mm: PH 1, PH 2, PH 3, PZ 1, PZ 2, PZ 3, PZ 4, TX 10, TX 15, TX 50
 - 10 standard bits respectively, 25 mm: TX 20, TX 25, TX 30, TX 40
 - 1 In-SYS insert respectively: CE drill bit, CE bits, standard bits
- a total of 134 parts

CE-SYS SET 1

637 579

Sets in SYS Case suitable for SYS-BS Cordless



1. **CENTROTEC "WOOD" set**

- 5 **CENTROTEC** spiral wood drill bit: D 4, D 5, D 6, D 8, D 10
- 6 **CENTROTEC** bits: TX 10-55 CE, TX 15-55 CE, TX 20-55 CE, TX 25-55 CE, TX 30-55 CE, TX 40-55 CE
- 1 **CENTROTEC** rapid change bit holder: BHS 65 CE
- 1 **CENTROTEC** countersink bit QLS: D5-15 CE

WOOD CE SET 13x

637 577

2. **CENTROTEC "METAL" set**

- **CENTROTEC** HSS drill bits: D 3, D 4, D 5, D 6, D 8, D 10
- 6 Complete drill bits with drill bit holder and 6 spare drill bits + Allen key

HSS CE SET D3-10 6x2

637 578

Sets in deep-drawn inserts "In-SYS" suitable for SYS-BS Cordless



1. **CENTROTEC wood drill bit set**

- 5 **CENTROTEC** spiral wood drill bits: D4, D5, D6, D8, D10

DB WOOD CE SET D4-10 5x

637 574

2. **CENTROTEC masonry drill bit set**

- 5 **CENTROTEC** masonry drill bits: D4, D5, D6, D8, D10

DB STONE CE SET D4-10 5x

637 573

3. **CENTROTEC Set Bits-55**

- 6 **CENTROTEC** bits: PZ 2- 55 CE, PZ 3- 55 CE, TX 20- 55 CE, TX 25- 55 CE, TX 30- 55 CE, TX 40- 55 CE

Bits CE SET 6x

637 576

4. **Standard bit set**

- 2 standard bits respectively: PH 1, PH 2, PH 3, PZ 1, PZ 2, PZ 3, TX 10, TX 15, TX 20, TX 25, TX 30, TX 40
- 1 **CENTROTEC** rapid change bit holder: BHS 65 CE

Bits + BHS 65 CE 25x

637 575

High-performance tools for the trade. Our services for your success.

PROTOOL products are popular among professionals not only because of their reliability, robustness, durability and capacity, but because you can rely on PROTOOL tools one hundred percent in any situation, no matter how fiddly the job or how tough the application is. PROTOOL offers practical solutions and reliable service for improved performance and greater success.



Additional security with 3-year warranty.
PROTOOL offers a 3-year warranty on all power and carpentry tools. Simply fill in the warranty registration form and send it to our central registration office within 30 days. Or register the warranty online at www.protocol.au.

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