

deSouther
MEDICAL



CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

INTRODUCING THE CC7

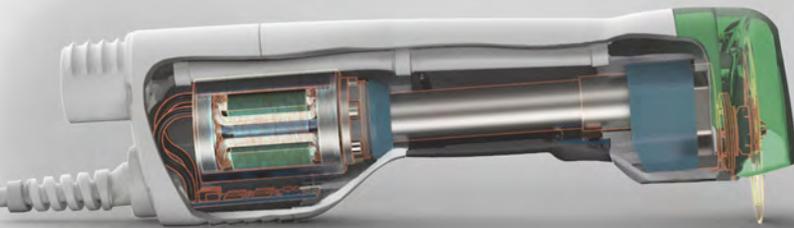
EVOLUTIONARY DEVELOPMENT

Over many years we have listened to our customers and spent significant time improving the most important aspects of our new CleanCast™ system. We've added a finger switch, located on the handpiece, for easy operation and improved ergonomics. A durable PETG, used in baby bottles, has been used for the extraction hood, making it more durable.



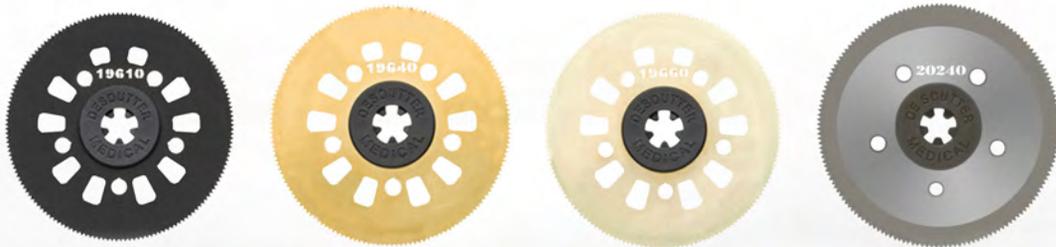
SMALLER, LIGHTER, MORE POWERFUL

Our engineers have used state of the art brushless motor technology to reduce weight, whilst delivering class leading power of 200 Watts. We've improved the motor housing, adding vibration absorbing material and acoustic baffles to reduce noise.



BLADE DESIGN

Producing an efficient cut starts with the design of the blade, De Soutter Medical have developed a new premium Zirconium nitride blade coating, ensuring each blade lasts longer and will cut faster.



THE TAPERED LOCK

To reduce noise and vibration in our CleanCast™ system, our engineers used the De Soutter Medical 'tapered lock' design. The 'tapered lock' is a simple principle of applying a wedge to components that need to move in unison, ensuring all lost motion is eliminated. This, in turn, reduces noise and vibration significantly, and allows toolless loading.

CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

The CC7 and CC8 models replace our current gold standard in cast saws. Combining the latest technological features with a functional, ergonomic handgrip, they have had subtle changes to the exterior case to ensure the handpiece fits comfortably in the hand while providing the ideal cutting position. A further shift in the centre of gravity with the hose angled downwards, improves ergonomics and balance further. Distributing weight evenly increases manoeuvrability and helps to reduce user wrist fatigue.

On the CC7 model, the dust extraction path is ducted internally through the handpiece, which significantly improves visibility and handling when compared to conventional saws fitted with extraction.



CC7
With extraction



CC8
Non extracted

An ergonomically positioned operating switch is conveniently located and enables the tool to be activated with ease, whilst the soft start functionality reduces noise, helping to minimise patient anxiety.



POWER SUPPLY

The CC8 saw requires its own low voltage PS8 power supply unit. However, on the CC7, the power supply is integrated within the dust extraction unit. The power supply unit can be either bench or wall mounted with suitable fixings provided.

The CC7/8 power supply uses a medically rated switch mode power supply which ensures the cast cutter speed remains constant whilst under load improving the overall cutting performance.

Overload and reset switches are no longer required with the new compact power supply.

HANDPIECE SPECIFICATION

| | CC7 | | CC8 | |
|-------------------------|----------------|----------------|----------------|----------------|
| | 2 m hose | 4 m hose | 2 m cable | 4 m cable |
| High speed cpm | 16000 | 16000 | 16000 | 16000 |
| Low speed cpm | 12000 | 12000 | 12000 | 12000 |
| Power W | 200 | 200 | 200 | 200 |
| Output voltage V | 12 | 12 | 12 | 12 |
| Weight gms | 670 | 670 | 648 | 648 |
| Dims. (mm) | 229 x 77 x 69 | 229 x 77 x 69 | 219 x 50 x 69 | 219 x 50 x 69 |
| Order code | 1292554 | 1293224 | 1292664 | 1293334 |



PS8 Power supply

| | |
|-------------------------|------------|
| Output voltage | 12 Vdc |
| Supply frequency | 50 - 60 Hz |
| Order code | 20050 |

See page 5 for complete CC7 & CC8 system order codes

CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

MANOEUVRABILITY & STABILITY

The stable, 5-wheel, lockable extraction stand provides effortless handling.

ERGONOMIC HANDLE AND TOOL STORAGE TRAY

Raised handle height improves usability and the integrated tool storage tray conveniently stores cast spreaders, scissors and other accessories (including vacuum nozzle). There is an improved hose storage and ergonomic cable tidy hooks.

VACUUM NOZZLE

A unique vacuum nozzle is provided with each saw. It simply clicks onto the cast cutter hood for quick tidy ups.



IMPROVED HEPA FILTER TECHNOLOGY

Improvements in HEPA filter technology means a higher degree of filtration with less inventory. The extractor level of filtration has now been replaced with a superior 2 level filtration. A durable and tough polyester filter provides additional protection to the extractor head in case of a dust bag leak or rupture.

The HEPA dust bags ensure particles over 0.3 microns are captured. Dust bag capacity has increased to 10L and now come with a sealing cover to prevent dust from escaping during bag changes.

EXTRACTOR SPECIFICATION

| | |
|--------------------------|-------------------------------------|
| Power | 800 W |
| Supply voltage | 230 Vac or 120 Vac |
| Maximum Suction | 1900 mm H ₂ O water lift |
| Filtration | Hepa > 0.3 micron |
| Dust bag capacity | 10 litres |

CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

HOW TO ORDER THE CC7 SYSTEM WITH EXTRACTION

| | Order codes | | | |
|--------------------------------------|---------------|---------------|----------------|----------------|
| | UK plug 230 V | EU plug 230 V | USA plug 120 V | AUS plug 230 V |
| Complete 2m system* | CC7-230UK | CC7-230EU | CC7-120USA | CC7-230AUS |
| 2m System components | | | | |
| CC7 saw 2m* | 1292554 | 1292554 | 1292554 | 1292554 |
| Hose kit 2m | 19600 | 19600 | 19600 | 19600 |
| Extractor | 1292884 | 1292994 | 1293004 | 1293114 |
| Central extraction hose kit 2m - CC7 | 19930 | | | |
| 4m System components | | | | |
| CC7 saw 4m* | 1293224 | 1293224 | 1293224 | 1293224 |
| Hose kit 4m | 19800 | 19800 | 19800 | 19800 |
| Extractor | 1292884 | 1292994 | 1293004 | 1293114 |
| Central extraction hose kit 4m - CC7 | 19940 | | | |

HOW TO ORDER THE CC8 SYSTEM LESS EXTRACTION

| | Order codes | | | |
|-----------------------------|---------------|---------------|----------------|----------------|
| | UK plug 230 V | EU plug 230 V | USA plug 120 V | AUS plug 230 V |
| Complete 2m system* | CC8-230UK | CC8-230EU | CC8-120USA | CC8-230AUS |
| System components | | | | |
| CC8 saw 2m* | 1292664 | 1292664 | 1292664 | 1292664 |
| PS8 Power supply | 20050 | 20050 | 20050 | 20050 |
| Mains cordset 3m | 8290 | 8300 | 8310 | 8320 |
| 4m System components | | | | |
| CC8 saw 4m* | 1293334 | 1293334 | 1293334 | 1293334 |
| PS8 Power supply | 20050 | 20050 | 20050 | 20050 |
| Mains cordset 3m | 8290 | 8300 | 8310 | 8320 |

*19610 & 20280 blades are supplied as standard with each cast saw

CC7 and CC8 saws, power supplies and extractor are type tested to IEC 60601-1:2005/AMD1:2012
The 120 V model is UL Listed to US and Canadian requirements.

CLEANCAST™

CORDLESS BATTERY POWERED SAW

BATTERY POWERED CORDLESS SAW - CSB-100

The De Soutter Medical CSB-100 saw allows the user total freedom of movement, which is particularly useful for medical emergency services, ward work, the veterinary profession and numerous other applications where the cordless concept is the only practical solution.



CSB-100



CSB-100-A CAST SAW SYSTEM

| Model | Order code | Details |
|--|------------|--|
| CSB-100-A System* | 1286774 | Comprising of items listed below: |
|  CSB-100 Saw | 1286224 | Speed: 15000 cpm Weight: 1050 grams |
|  CB-100 Battery x2 | 15010 | Battery voltage: 10.8 Vdc NiMH Capacity: 2600 mAh |
|  BC-100 Charger | 15020 | Supply voltage 100 - 240 Vac Supply frequency 50 - 60 Hz <i>Supplied with all common mains supply adaptors</i> |
| Saw Blade | 6250 | |
| Hexagon wrench | 204903 | |
| Carry Case | 15030 | |

*Supplied with saw blade Order code 6250.

See page 13 for other saw blade options.

CLEANCAST™

HIGH POWER CAST SAW AND DUST EXTRACTION SYSTEM

MAINS VOLTAGE SAW HIGH POWER

The CC4 with its powerful 110 watt motor maintains rapid and efficient cutting on the thickest of body casts. The knurled grip close to the saw blade provides the operator with excellent control and flexibility of movement. There is an optional clear extraction hood which ensures good visibility when cutting. The hood is fully rotatable to suit the most convenient cutting position.

EXTRACTOR SPECIFICATION

| | |
|--------------------------|-----------------------|
| Power | (max.) 1 kW |
| Supply voltage | 240 or 100 - 120 Vac |
| Maximum Suction | 2500 water gauge mm |
| Filtration | 99.997% > 0.5 microns |
| Dust bag capacity | 7.5 litres |
| Sound level | 58 dB(A) |



CC4 SAW SPECIFICATION

| | |
|--------------------------|--------------------------|
| Oscillating speed | 14000 cpm (or 16000 cpm) |
| Voltage | 230 Vac (or 120 Vac) |
| Weight | 1300 grams |
| Sound level | 70 dB(A) |
| Length | 333 mm |



HOW TO ORDER THE CC4 SYSTEM WITH EXTRACTION

| | Order codes | | | |
|----------------------------|---------------|---------------|----------------|----------------|
| | UK plug 230 V | EU plug 230 V | USA plug 120 V | AUS plug 230 V |
| Complete CC4 system | CC4A-230UK | CC4A-230EU | CC4A-120US | CC4A-230AUS |
| System components | | | | |
| CC4 saw | 1273884 | 1273884 | 1273994 | 1273884 |
| Hose kit | 78472 | 78472 | 78472 | 78472 |
| Extractor | 1190 | 7020 | 7140 | 9490 |

HOW TO ORDER THE CC4 SYSTEM LESS EXTRACTION

| CC4 Less Extraction | Order codes | | | |
|---------------------|-------------|---------|---------|---------|
| CC4 Saw | 1280004 | 1270994 | 1280554 | 1281444 |

CLEANCASTM

AWARD WINNING PAEDIATRIC CAST SAW SYSTEM

BATTERY/MAINS POWERED SAW PAEDIATRIC - CSP-201



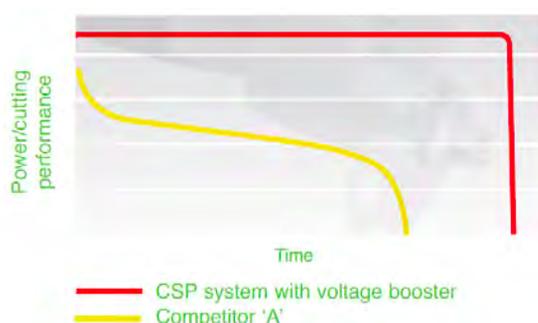
Specifically developed for paediatric use, the Red Dot Design Award winning CSP System is exceptionally quiet and compact minimising patient anxiety. The CSP System offers both battery and mains power options, and lithium ion battery technology provides an unrivalled power to weight ratio.

CSP-201 SAW
with BP-201 Pro battery pack

CSP-201 FEATURES;

- Soft start feature with noise control helps minimise patient anxiety.
- Continuous 2 hour - cutting performance.
- Built-in service reminder - 300 charging cycles.
- Display allows the user to select the optimum cutting speed, and view the remaining battery capacity.
- Micro processor controlled voltage booster ensures constant cutting performance - zero deterioration.
- Rapid charging time - under 3 hours.

CSP system power/cutting performance



CLEANCAST™

AWARD WINNING PAEDIATRIC CAST SAW SYSTEM

An integral clip with both battery pack or mains power adaptor for increased portability.

The CSP-201 saw is fitted to the IC-201 Inter Connector and PS-201 Power Supply.

CSP-201 SAW
With mains operation



MAINS SUPPLY CORDSETS 2 metres long

Please specify Cordset required;

| | |
|------------------------|-------|
| UK - C7 plug | 15610 |
| EUR - C7 plug | 15620 |
| USA - C7 plug | 15630 |
| AUS - C7 plug | 15640 |
| Swiss - C7 plug | 15660 |



CSP-201-A CAST SAW SYSTEM

| Model | Order code | Details |
|--------------------------------|------------|---|
| CSP-201-A System* | 1286984 | Comprising of items listed below: |
| CSP-201 Saw and cable | 1286994 | Speed: 14800 - 17500 cpm Noise level: 55 dB(A) Weight: 319 grams |
| BP-201 Battery Pack Pro | 15250 | Battery voltage: 10.8 Vdc NiMH Capacity: 30.8 Wh Charging time from flat: <3 hours Weight: 437 grams |
| IC-201 Inter Connector | 15270 | |
| PS-201 Power Supply | 15280 | |
| Carry Case | 15290 | |
| Wrench | 15300 | |

CLEANCAST™

ADVANCED CAST SAW ACCESSORIES

CC7/8 CAST SAW ACCESSORIES



CC7 Extractor Filter
(single item)
Order code 670113



CC7 hood
Order code 670713



CC7 Extractor
HEPA dust bag
(pack of 10)
Order code 670123



CC7 2 metre Hose kit
Order code 19600
4 metre Hose kit
Order code 19800



CC7 vacuum attachment
(with extractor system)
Order code 670733



Cast saw wall
mount for CC8
Order code 19850

CAST REMOVAL ACCESSORIES



Large, two handed
cast spreader
Order code 5130



Small, single
hand cast spreader
Order code 5120



Plaster shear
Order code 7680



Underpadding
scissors
Order code 15150

CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

CC4 CAST SAW ACCESSORIES



CC4 Secondary cloth filter
Order code 603213



CC4 Primary cloth filter
Order code 603203



CC4 Disposable Hepaflow synthetic collection bags. Supplied in packs of 10.
Order code 602763



Hose clip
Order code 603093



2 metre length extraction hose
Order code 216933



CC4 extraction hood elbow
Order code 2920



CC4 extraction hood
Order code 600003



Blade wrench
Order code 204903

Blade retainer
Order code 610073

CLEANCAST™

SAW BLADES

SAW BLADES FOR CLEANCAST™ CC7/8 SAWS

Our blade range has now been simplified to 4 high performance coatings and 3 saw blade designs:

The three different blade designs are (right):

- 64mm diameter fully round
- 64mm diameter segmented
- 80mm diameter segmented

As with previous De Soutter Medical cast saw blades, our fully round versions can be loaded in 5 different positions.

The four different coatings are:

Ion Nitride

Only coating that can be recommended for fibreglass. Ion Nitride treatment makes the blade material itself harder and tougher for maximum durability on abrasive cast materials.

PTFE

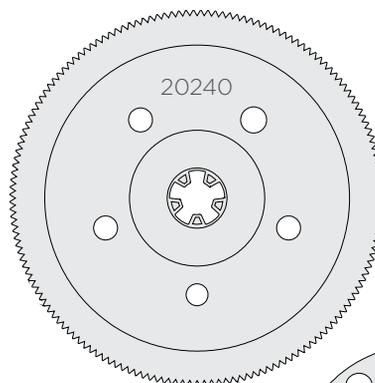
Runs cool on POP and polyester, while coating remains intact.

Zirconium Nitride (ZrN)

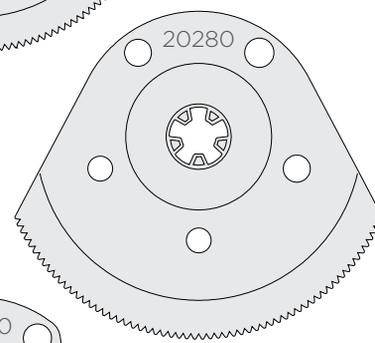
Ultra-hard coating (Like TiN but 50% harder) results in reduced wear, significantly more durable than PTFE.

Titanium Nitride (TiN)

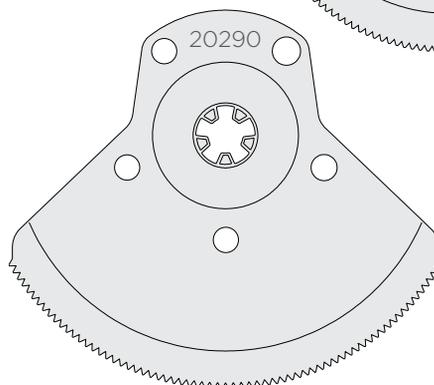
Runs cool on POP, and hard coating means it can be used significantly longer than PTFE, without a loss in cutting performance.



64mm diameter fully round



64mm diameter segmented



80mm diameter segmented

BLADE RANGE / PART No.

| Blade shape | Blade dia. mm |  |  |  |  |
|-------------|---------------|---|---|---|---|
| Circular | 64 | 19610* | 19640 | 19660 | 20240 |
| Segment | 64 | 19670 | 19680 | 19730 | 20280* |
| Segment | 80 | 19700 | 19720 | 19710 | 20290 |

| CAST TYPE | PTFE | TIN | ZrN | Ion Nitride |
|---|-----------------|-----------------|-----------------|-------------|
| POP - Gypsona | Optimal | Optimal | Optimal | Optimal |
| Polyester Deltalite/Benicast/CellaCast | Suitable | Optimal | Optimal | Optimal |
| Fibreglass Deltalite/Scotchcast | Not recommended | Not recommended | Not recommended | Optimal |

All blades are sold in boxes of 5

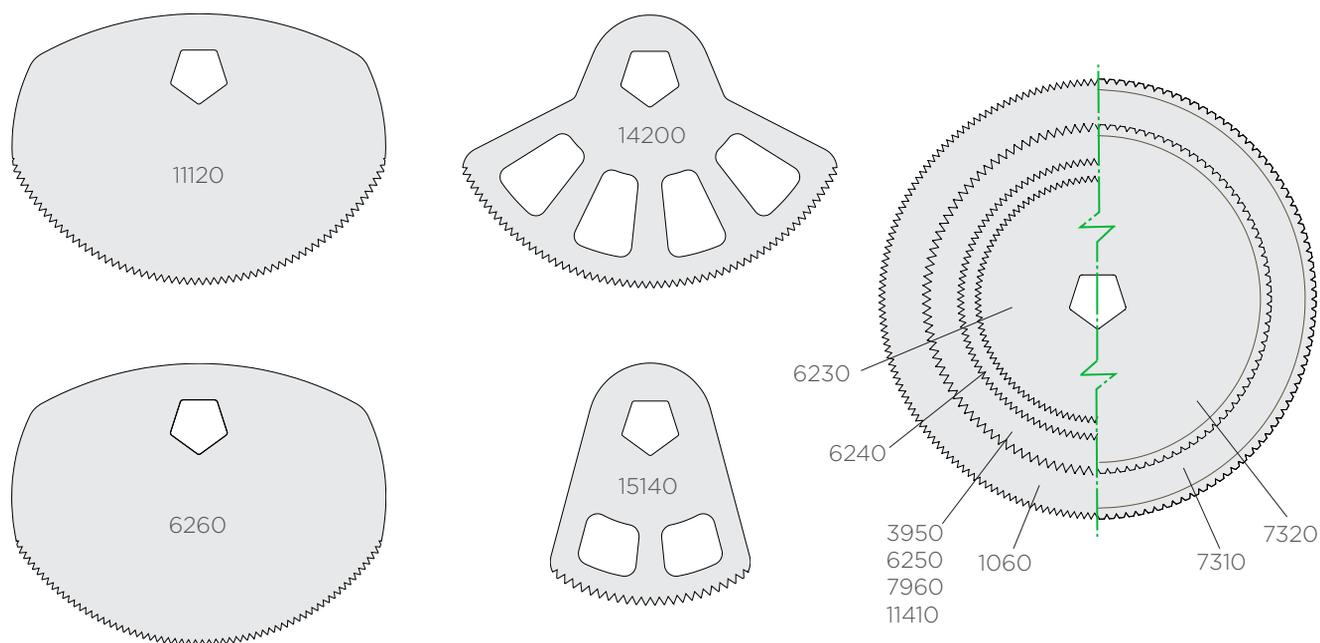
*19610 & 20280 blades are supplied as standard with each cast saw

CLEANCAST™

SAW BLADES

SAW BLADES FOR CLEANCAST™ CC4/5/6 & CSB SAWS

Blades have 'easy fit' pentagon mounting hole. Circular blades can be rotated up to five times to maximize their useful life.



BLADE RANGE / PART No.

| Blade shape | Blade dia. mm | PTFE | TIN | Stainless Steel | Diamond | Ion Nitride |
|-------------|---------------|--------------------|-------|---------------------|--------------------|-------------|
| Circular | 44 | 6230 | - | - | - | - |
| Circular | 50 | 6240 | - | - | - | - |
| Circular | 64 | 6250* | 3950 | 7960 | 7310 | 11410 |
| Circular | 80 | 1060 ¹⁾ | - | - | 7320 ¹⁾ | - |
| Segment | 64 | - | - | 15140 ²⁾ | - | - |
| Segment | 76 | - | 11120 | 14200 | - | - |
| Segment | 80 | 6260 | - | - | - | - |

CAST TYPE

| | PTFE | TIN | Stainless Steel | Diamond | Ion Nitride |
|---|-----------------|-----------------|-----------------|-----------------|-------------|
| POP - Gypsona | Optimal | Optimal | Suitable | Not recommended | Optimal |
| Polyester Deltalite/Benicast/CellaCast | Suitable | Optimal | Not recommended | Optimal | Optimal |
| Fibreglass Deltalite/Scotchcast | Not recommended | Not recommended | Not recommended | Not recommended | Optimal |

All blades are sold in boxes of 5 *6250 blades are supplied as standard with each CSB-100 & CC4 cast saw

¹⁾ Not suitable for CC5.

²⁾ Low noise/vibration blade - ideal for paediatric use.

CLEANCAST™

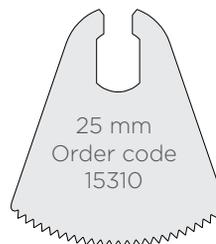
SAW BLADES

CSP-201 SAW BLADES

BLADE RANGE / PART No.

| Blade shape | Blade Radius mm | Smooth Stainless Steel | Coarse Stainless Steel |
|-------------|-----------------|------------------------|------------------------|
| Segment | 25 | 15310 | 16120 |
| Segment | 29 | 15320 | - |

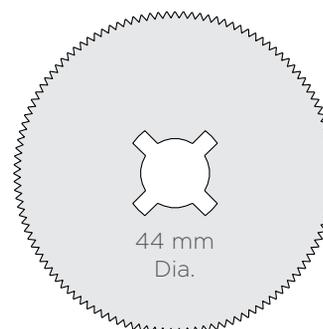
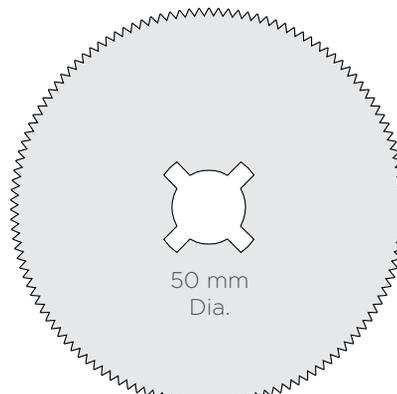
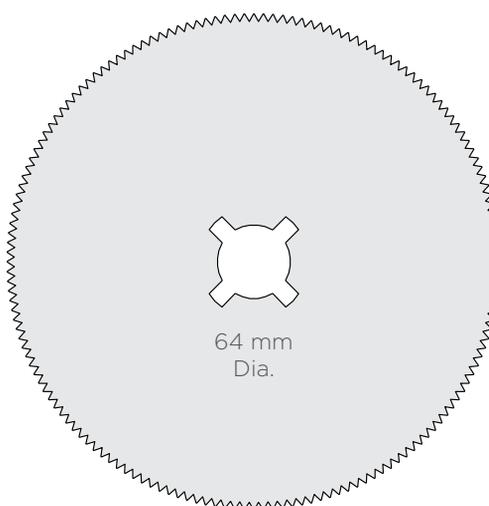
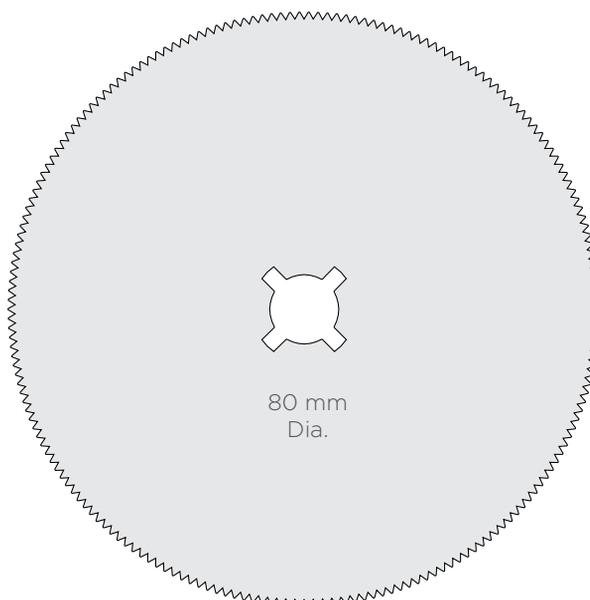
All blades sold in boxes of 5



UNIVERSAL SAW BLADES

Blades have a universal mounting hole. They can be rotated up to four times to maximize their useful life. These blades can be used with these cast saw brands;

- Stryker® (840)
- Aesculap®
- Zimmer®
- M-Pact®
- Martin
- BSN™
- Medicon™



BLADE RANGE / PART No.

| Blade shape | Blade dia. mm | PTFE | TIN |
|-------------|---------------|------|------|
| Circular | 44 | 7040 | - |
| Circular | 50 | 7800 | - |
| Circular | 64 | 1180 | 7790 |
| Circular | 80 | 7810 | - |

CAST TYPE

| | PTFE | TIN |
|---|-----------------|-----------------|
| POP - Gypsona | Optimal | Optimal |
| Polyester Deltalite/Benicast/CellaCast | Suitable | Optimal |
| Fibreglass Deltalite/Scotchcast | Not recommended | Not recommended |

All blades are sold in boxes of 5

CLEANCAST™

ADVANCED CAST SAW AND DUST EXTRACTION SYSTEM

CastSaw Characters

Meet **Monkey, Panda & Piggy**; the new faces of our CC7 CleanCast™; these cheerful little characters have been thoughtfully designed to help distract young children, making cast removal a fun experience.

The interchangeable character heads are washable and quick & easy to fit, clipping securely onto the CC7 blade shield.



Reusable rubber Animal Characters are available as a pack of three.
Order code 686413

REWARD STICKERS

Your younger patients can also now take home a sticker announcing just how brave they have been during their visit. Reward stickers for cast removal of little patients.
Available as a box set of three designs 450 stickers (x150 per design).

Individual rolls of stickers sold separately to replenish your most popular character.
150 stickers per roll (40mm Ø stickers)



Complete set of 3 rolls with dispenser
Order code 688643



Roll of 150 stickers
Order code 688203



Roll of 150 stickers
Order code 688193



Roll of 150 stickers
Order code 687903

CLEANCAST™

**For further information on De Soutter Medical products,
please contact the address in your area.**

UNITED KINGDOM (International Head Office)

De Soutter Medical Limited
Halton Brook Business Park, Weston Road
Aston Clinton, Aylesbury, Bucks HP22 5WF
Tel: +44 (0) 1296 634 000
Email: info@de-soutter.com

AUSTRALIA

De Soutter Medical Australia Pty Ltd
2/12-14 Apollo Drive, Hallam, Victoria 3803
Tel: +61 (0) 3 9702 4441
Email: australia@de-soutter.com

AUSTRIA

De Soutter Medical Austria
Hauptstrasse 122-124/Büro 01
3420 Kritzensdorf
Osterreich
Tel: +43 2243 239000
Email: austria@de-soutter.com

BELGIUM

De Soutter Medical Belgium
Bessemmerstraat 14, 3620 Lanaken
Tel: +32 (0) 89/47 15 37
Email: belgium@de-soutter.com

FRANCE

De Soutter Médical France
1 252 Avenue du Parc des Expositions
33260 La Teste de Buch
Tél. : +33 (0) 5 56 54 89 36
Email : france@de-soutter.com

GERMANY

De Soutter Medical Germany
Bahnhofstraße 4,
D-66625 Nohfelden
Tel: +49 (0) 68 52-99 12 46
Email: deutschland@de-soutter.com

ITALY

De Soutter Medical Italia
Localita' Fornace SNC
27022 Casorate Primo - PV, Italia
Tel: +39 (0) 2 9009 4098
Email: italy@de-soutter.com

NETHERLANDS

De Soutter Medical Nederland
Gelderlandhaven 2X
3433 PG Nieuwegein
Tel: +31 (0) 85 0491480
Email: nederland@de-soutter.com

UNITED STATES OF AMERICA

De Soutter Medical USA, Inc.
224 Rolling Hill Road, Suite 12A
 Mooresville, NC 28117
Tel: +1 (704) 655 9040
Email: usa@de-soutter.com