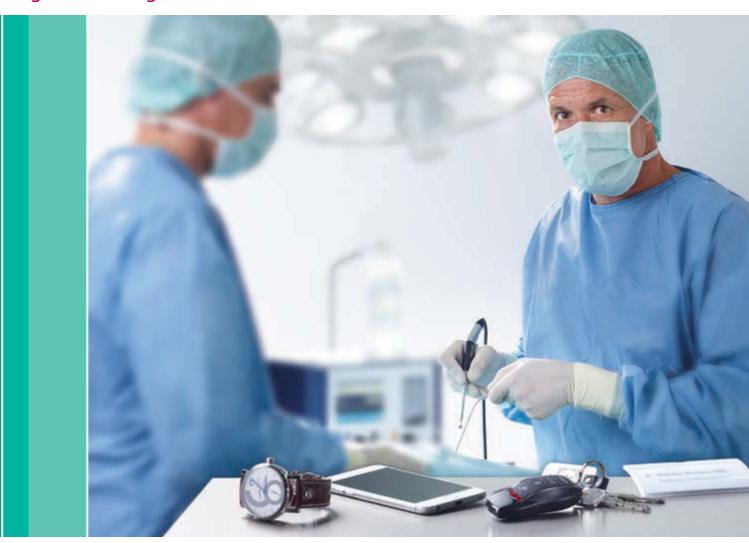
Surgeon's Darlings for Precision, Performance and Pleasure.







Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

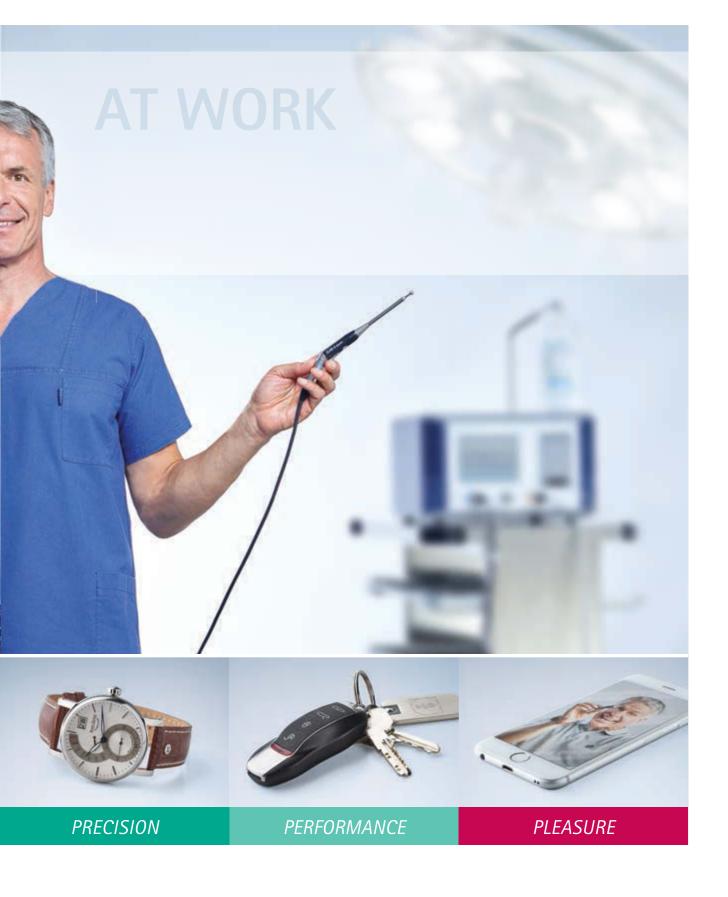
As a surgeon, I need to do the best job possible in order to maintain my patients' health and quality of life and to save lives.

We surgeons are perfectionists and we are under constant pressure. That's why precision is extremely important to us.

Both in my private life and at work, I attach great value to high-performance, high-precision, reliable products that meet these requirements and help me to achieve my goals.

Why should I accept compromises in the operating theatre?





Surgeon's Darlings for Precision.

The watch I wear is a masterpiece of precision and each cog is a remarkable work of art. I wear it on my wrist all day long and it has almost become a part of me. I can hardly feel it but I know it's there and is working perfectly.

That's just how I feel about the ELAN 4. It sits perfectly in my hand and is so well balanced that it has become like an extended arm, a natural part of my hand. The ELAN 4 is precise, comfortable to hold and it runs smoothly and quietly.

How did they achieve that?







INNOVATIVE GERMAN ENGINEERING:

> New positioning of the motor before the angle, meaning there is no need for an angle gear or a motor coupling.

RESULT:

- > no couplings needed
- handpieces become shorter and lighter
- the angle does not get hot
- sits comfortably in the hand
- > can be held more reliable and comfortably

BENEFITS:

high-precision, convenient and safe grip

Surgeon's Darlings for Performance.

My car has to be reliable and have enough horsepower – for me, that goes without saying. As well as accelerating quickly when required, it needs to cruise smoothly on long journeys and take me to my destination quickly and safely. I expect exactly the same from my motor system.

ELAN 4 sets new standards in terms of overall performance. Never before have I laid hand on a system that operates so quietly yet is so powerful.

How was this made possible?





INNOVATIVE GERMAN ENGINEERING:

- > integrated motors
- > on/off function integrated into the cable or hose to the motor coupling

RESULT:

The rotation speed is directly transferred, resulting in

- very smooth running
- > no loss of nower
- > high reliability
- compact construction no extra switch

BENEFITS:

quick, powerful and reliable work

Surgeon's Darlings for Pleasure.

In our high-tech world, simplicity is now a luxury – things need to be simple to use. It's more fun when things just work intuitively, without the need for head-scratching or guesswork. Just like my smart phone. It is intuitive to use and all of my important apps are clearly arranged on the home screen.

The same is true of the ELAN 4. I can select the motor drive type that I am used to. The systems are straightforward and operation is self-explanatory.

The couplings work according to the plug and play principle and the burrs fit every length of handpiece. This is what stress-free work looks like.

This brings a smile to my face – and I bet I'm not the only one!





INNOVATIVE GERMAN ENGINEERING:

- > all couplings are plug and play compatible
- > standardised burr lengths and clear coding of burrs
- all operating elements are marked gold

RESULT:

- > extremely easy to use
- streamlined surgical set with fewer components
- handpiece will always contain the correct motor
- > self-explanatory
- > all types and sizes of burrs are available for all handpiece length

BENEFITS:

The system is a joy to work with because it is set up clearly and simply.
Fewer components and a universal burr length offer savings potentials.

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

ELAN 4 electro



> GA861

handpiece

(1-ring) L4

standard

ELAN 4 electro

> GA862

handpiece

(1-ring) L7

standard

ELAN 4 electro

> GA863

handpiece

(1-ring) L10

standard

ELAN 4 electro

> GA864

handpiece

(1-ring) L13

standard

ELAN 4 electro

10

> GA822

ELAN 4 electro

with Hudson

coupling

perforator driver

> GA849

ELAN 4 electro

multifunction

craniotome and

handpiece (2-ring)



The performance of the ELAN 4 is impressive, particularly the way the ELAN 4 operates quietly and with precision while its excellent ergonomic design means it sits comfortably in your hand. It is simply a pleasure to work with the ELAN 4.













> GA836
ELAN 4 electro
micro sagittal saw

➤ GA837 ELAN4 electro micro reciprocating saw

> GA824
ELAN 4 electro
low speed motor
with Intra coupling

> GA808 ELAN 4 electro foot control

> GA806
ELAN 4 electro
motor cable

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

ELAN 4 air





The clear and simple system set-up is a joy to work with. Every handpiece always contains the correct motor, reducing the risk of errors.



Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

ACCESSORIES



> GB941R

ELAN 4 electro/air fixed duraguard, pediatric



> GB942R

ELAN 4 electro/air fixed duraguard, standard



> GB943R

ELAN4 electro/air fixed duraguard, long



> GB945R

ELAN 4 electro/air holding sleeve for craniotome and multifunction handpiece



> GB947R

ELAN 4 electro/air turnable duraguard, standard



The streamlined surgical set and the universal burr length reduce the inventory and mean there is the welcome potential for savings.



> GA395SU ⊗ 🗐

ELAN 4 electro disposable tube set for irrigation pump

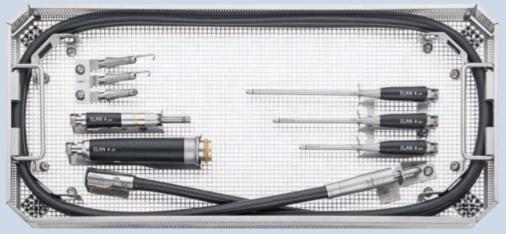


GA258SU Disposable spray nozzle for saws
GA259SU Disposable spray nozzle for cranitome attachments
GA261SIJ Disposable spray nozzle for 1-ring handpiece I 4

GA261SU Disposable spray nozzle for 1-ring handpiece L4
GA262SU Disposable spray nozzle for 1-ring handpiece L7
GA263SU Disposable spray nozzle for 1-ring handpiece L10
GA264SU Disposable spray nozzle for 1-ring handpiece L13

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

REPROCESSING



Configuration example ELAN 4 air

> ELAN4 electro ECCOS® holder

GB076R ECCOS® holder for perforator driver GA822 GB077R ECCOS® holder for low speed motor Intra GA824 GB082R ECCOS® holder for 1 handpiece **GB083R** ECCOS® holder for 3 handpieces GB085R ECCOS® holder for craniotome GA849 GB086R ECCOS® holder for micro sagital saw GA836 GB087R ECCOS® holder for reciprocating saws GA832 and GA837 **GB073R** ECCOS® holder for motor cable GB718R ECCOS® holder for 12 burrs GB719R ECCOS® holder for 3 craniotome attachments GB720R ECCOS® universal holder for saw blades

ECCOS® cable/hose positioning guide

> ELAN4 air ECCOS® holder

GB053R	ECCOS® holder for motor hose
GB056R	ECCOS® holder for perforator driver GA722
GB057R	ECCOS® holder for low speed motor Intra GA724
GB062R	ECCOS® holder for 1 handpiece
GB063R	ECCOS® holder for 3 handpieces
GB065R	ECCOS® holder for craniotome GA749
GB066R	ECCOS® holder for micro sagittal saw GA736
GB067R	ECCOS® holder for micro reciprocating saws GA732
	and GA737
GB718R	ECCOS® holder for 12 burrs
GB719R	ECCOS® holder for 3 craniotome attachments
GB720R	ECCOS® universal holder for saw blades
GB072R	ECCOS® cable/hose positioning guide

GB072R



Here in the certified central sterile supply department, we welcome Aesculap's sterilisation process and specialised knowledge in the area of sterile processing. The ELAN 4 meets the increasingly strict requirements and sets new standards for the sterile processing of motor systems.

The cleaning device allows reliable inner cleaning of the applied part.



> ELAN4 electro rinsing device + accessories

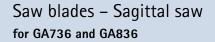
GB692R ELAN 4 electro rinsing device
GB698R ELAN 4 electro rinsing adaptor
GB600860 ELAN 4 electro oilspray adaptor
GB600 STERILIT® Power Systems oil spray

> ELAN4 air rinsing device + accessories

GB691R ELAN 4 air rinsing device
GB697R ELAN 4 air rinsing adaptor
GB600850 ELAN 4 air oilspray adaptor
GB600 STERILIT® Power Systems oil spray

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

BLADES



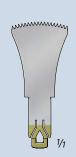


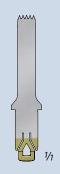














> GP491R

Saw blade S sagittal 10/13/0.3 mm

> GP492R

Saw blade S sagittal 15/5/0.3 mm

> GP493R

Saw blade S sagittal 20/5/0.3 mm

> GP494R

Saw blade S sagittal 20/10/0.3 mm

> GP495R

Saw blade S sagittal 20/15/0.3 mm

> GP496R

Saw blade S sagittal 25/5/0.3 mm

> GP497R

Saw blade S sagittal 25/12/0.3 mm



The ELAN 4 is produced using stateof-the-art manufacturing technology in Tuttlingen, Germany, at the Aesculap AG Innovation Factory, which was specifically built to produce motor and sterile container systems.

Saw blades – Reciprocating saw for GA737 and GA837











> GP542R

Reciprocating saw blade micro 13/0.3 mm

> GP543R

Reciprocating saw blade micro 20/0.3 mm

> GP544R

Reciprocating saw blade micro 13/0.3 mm

> GP545R

Reciprocating saw blade micro 20/0.3 mm

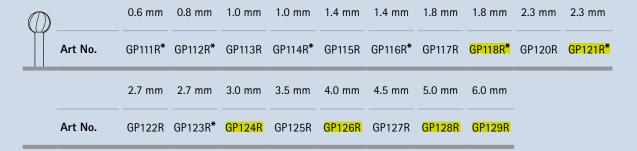
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BURRS

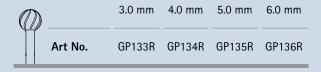


Burrs for 1-ring handpieces

> Rosen burrs



> Rosen burrs, soft cut



> Twin-Cut burrs

	4.0 mm	5.0 mm	6.0 mm	7.0 mm
Art No.	GP184R	GP185R	GP186R	GP187R



Burrs for 1-ring handpieces

> Diamond burrs

	0.6 mm	0.8 mm	1.0 mm	1.0 mm	1.4 mm	1.4 mm	1.8 mm	1.8 mm	2.3 mm	2.3 mm
Art No.	GP141R*	GP142R*	GP143R	GP144R*	GP145R	GP146R*	GP147R	GP148R*	GP149R	GP150R*
	2.7 mm	2.7 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm	5.0 mm	6.0 mm		
Art No.	GP151R	GP152R*	GP153R	GP154R	GP155R	GP156R	GP157R	GP158R		

> Diamond burrs, coarse



> Diamond burrs, extra coarse

	3.0 mm	4.0 mm	5.0 mm	6.0 mm	7.0 mm
Art No.	GP173R	GP174R	GP175R	GP176R	GP177R

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

BURRS



Burrs for 1-ring handpieces

> Neuro cutter, US-Type

P		1.5 mm	2.0 mm	2.5 mm	3.0 mm	3.0 mm
	Art No.	GP201R*	GP202R*	GP203R*	GP204R	GP205R*

> Neuro cutter, Aesculap-Type

	2.0 mm	2.5 mm	3.0 mm
Art No.	GP208R	GP209R	GP210R

> Neuro cutter, diamond coarse

	1.5 mm	1.5 mm	2.0 mm	2.0 mm	2.5 mm	2.5 mm	3.0 mm	3.0 mm	4.0 mm	4.0 mm
Art No.	GP211R	GP212R*	GP213R	GP214R*	GP215R	GP216R*	GP217R	GP218R*	GP219R	GP220R*

> Barrel burrs, standard

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP224R	GP225R	GP226R

> Barrel burrs, soft cut

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP228R	GP229R	GP230R

> Cone burrs

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP234R	GP235R	GP236R

> Reverse Taper burr, diamond coarse

	4.0 mm
Art No.	GP238R

Burrs for 1-ring handpieces

> Acorn burrs

	3.0 mm	4.0 mm	5.0 mm	6.0 mm
Art No.	GP193R	GP194R	GP195R	GP196R

> Lindemann

Jâ.		1.8 mm	2.1 mm	2.3 mm	2.3 mm
	Length	7 mm	10 mm	10 mm	22 mm
И	Art No.	GP241R	GP242R	GP243R	GP240R

> Oval burrs

(?) ₁		4.0 mm	5.5 mm
	Art No.	GP232R	GP233R

> Twist drills

	1.5 mm	2.0 mm
Art No.	GP188R	GP189R

> Pin cutter

		1.0 mm
Y 	Art No.	GP190R

> Tungsten carbide-Rosen burrs



> Tungsten carbide-Neuro cutter



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BURRS

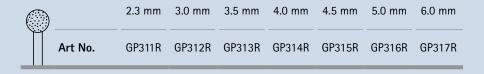


Burrs for 2-ring handpieces

> Rosen burrs

	2.3 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm	5.0 mm	6.0 mm	7.0 mm	8.0 mm
Art No.	GP301R	GP302R	GP303R	GP304R	GP305R	GP306R	GP307R	GP308R	GP309R

> Diamond burrs



> Diamond burrs, coarse

	2.3 mm	3.0 mm	4.0 mm	5.0 mm	6.0 mm
Art No	. GP321R	GP322R	GP323R	GP324R	GP325R

> Diamond burrs, extra coarse

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP328R	GP329R	GP330R



Burrs for 2-ring handpieces

> Neuro cutter, US-type

C)	2.0 mm	2.5 mm	3.0 mm	3.0 mm
	Art No.	GP361R	GP362R	GP363R	GP364R*

> Neuro cutter, Aesculap-type

		3.0 mm
\prod	Art No.	GP367R

> Neuro cutter, diamond coarse

	3.0 mm	3.0 mm
Art No.	GP370R	GP371R*

> Barrel burrs, standard

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP374R	GP375R	GP376R

> Barrel burrs, soft cut

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP378R	GP379R	GP380R

> Cone burrs

	4.0 mm	5.0 mm	6.0 mm
Art No.	GP384R	GP385R	GP386R

> Reverse Taper burrs, diamond coarse

	4.0 mm	6.0 mm
Art No.	GP388R	GP389R

Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

BURRS



Burrs for 2-ring handpieces

> Acorn burrs

)	5.0 mm	6.0 mm	7.5 mm	9.0 mm
Art No.	GP355R	GP356R	GP357R	GP358R

> Lindemann

A.		1.8 mm	2.1 mm	2.3 mm	2.3 mm
	Length	7 mm	10 mm	10 mm	22 mm
	Art No.	GP391R	GP392R	GP393R	GP397R

> Oval burr



> Pin cutter

	1.0 mm
Art No.	GP350R

> Craniotome cutter, spiral type

Length	•	:	•
Art No.	GP341R	GP342R	GP343R

> Craniotome cutter, straight type

3	Length	•	•	:
	Art No.	GP351R	GP352R	GP353R

> Twin-Cut burrs

\(\)	5.0 mm	6.0 mm	7.0 mm	8.0 mm	9.0 mm
Art No.	GP335R	GP336R	GP337R	GP338R	GP339R

> Diamond disc ②



Burrs for 2-ring handpieces

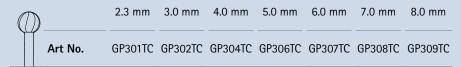
> Twist drills (cutting depth 4 mm - for pilot holes)

A		1.0 mm	1.1 mm	1.2 mm	1.5 mm
	Art No.	GP344R	GP345R	GP346R	GP347R

> Twist drills

		1.5 mm	2.0 mm
Ø	Art No.	GP348R	GP349R

> Tungsten carbide-Rosen burr



> Tungsten carbide-Neuro cutter



> Tungsten carbide-Side cutter ®



> Tungsten carbide-Taper burr



Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

Order information

> ELAN 4 electro

GA800	ELAN 4 electro control unit	GA713R	ELAN 4 air wall-adaptor DIN with diffusor
GA806	ELAN 4 electro motor cable	GA715R	ELAN 4 air wall-adaptor Synthes
GA808	ELAN 4 electro foot control	GA722	ELAN 4 air perforator driver with Hudson coupling
GA822	ELAN 4 electro perforator driver with Hudson coupling	GA749	ELAN 4 air cranitotome and multifunction handpiece (2-ring)
GA849	ELAN 4 electro craniotome and multifunction handpiece (2-ring)	GA761	ELAN 4 air handpiece standard (1-ring) L4
GA861	ELAN 4 electro handpiece standard (1-ring) L4	GA762	ELAN 4 air handpiece standard (1-ring) L7
GA862	ELAN 4 electro handpiece standard (1-ring) L7	GA763	ELAN 4 air handpiece standard (1-ring) L10
GA863	ELAN 4 electro handpiece standard (1-ring) L10	GA764	ELAN 4 air handpiece standard (1-ring) L13
GA864	ELAN 4 electro handpiece standard (1-ring) L13	GA736	ELAN 4 air micro sagittal saw
GA836	ELAN 4 electro micro sagittal saw	GA737	ELAN 4 air micro reciprocating saw
GA837	ELAN 4 electro micro reciprocating saw	GA724	ELAN 4 air low speed motor with Intra coupling
GA824	ELAN 4 electro low speed motor with Intra coupling		

> ELAN 4 air

ELAN 4 air wall hose 3 m
ELAN 4 air wall hose 5 m
ELAN 4 air motor hose 3 m
ELAN 4 air foot control
ELAN 4 air wall-adaptor Aesculap-Draeger
ELAN 4 air wall-adaptor Schrader with diffusor
E

> Attachments for craniotome and multifunction handpiece

GB941R	ELAN 4 fixed duraguard, pediatric
GB942R	ELAN 4 fixed duraguard, standard
GB943R	ELAN 4 fixed duraguard, long
GB945R	ELAN 4 holding sleeve
GB947R	ELAN 4 turnable duraguard, standard



Surgeon's Darlings for Precision and Performance – **Engineered in Germany.**

Order information

> Accessories for automated irrigation

GA395SU	ELAN 4 electro disposable tube set for irrigation pump
GA258SU	ELAN 4 disposable spray nozzle for saws
GA259SU	ELAN 4 disposable spray nozzle for cranitome attachments
GA261SU	ELAN 4 disposable spray nozzle for 1-ring handpiece L4
GA262SU	ELAN 4 disposable spray nozzle for 1-ring handpiece L7
GA263SU	ELAN 4 disposable spray nozzle for 1-ring handpiece L10
GA264SU	ELAN 4 disposable spray nozzle for 1-ring handpiece L13

GB082R	ELAN 4 electro ECCOS® holder for 1 handpiece
GB083R	ELAN 4 electro ECCOS® holder for 3 handpieces
GB085R	ELAN 4 electro ECCOS® holder for craniotome GA849
GB086R	ELAN 4 electro ECCOS® holder for micro sagital saw GA836
GB087R	ELAN 4 electro ECCOS* holder for reciprocating saws GA832 and GA837
GB718R	ELAN 4 ECCOS® holder for 12 burrs
GB719R	ELAN 4 ECCOS® holder for 3 craniotome attachments
GB720R	ECCOS® universal holder for saw blades
GB072R	ECCOS® cable/hose positioning guide
GB691R	ELAN 4 air rinsing device
GB692R	ELAN 4 electro rinsing device
GB697R	ELAN 4 air rinsing adaptor
GB698R	ELAN 4 electro rinsing adaptor
GB600	STERILIT® Power Sytems oil spray

GB600850 ELAN 4 air oil spray adaptor

GB600860 ELAN 4 electro oil spray adaptor

> Reprocessing

GB053R	ELAN 4 air ECCOS® holder for motor hose
GB056R	ELAN 4 air ECCOS® holder for perforator driver GA722
GB057R	ELAN 4 air ECCOS® holder for low speed motor Intra GA724
GB062R	ELAN 4 air ECCOS® holder for 1 handpiece
GB063R	ELAN 4 air ECCOS® holder for 3 handpieces
GB065R	ELAN 4 air ECCOS® holder for craniotome GA749
GB066R	ELAN 4 air ECCOS® holder for micro sagittal saw GA736
GB067R	ELAN 4 air ECCOS® holder for reciprocating saws GA732 and GA737
GB073R	ELAN 4 electro ECCOS® holder for motor cable
GB076R	ELAN 4 electro ECCOS® holder for perforator driver GA822
GB077R	ELAN 4 electro ECCOS* holder for low speed motor Intra GA824