



HS TOOLS PRODUCT CATALOGUE 2023

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# Be Ahead Of The Curve With Our Latest Innovations WE ARE FAMILY OF MOTIVATED INDIVIDUALS, DRIVEN BY OUR DESIRE TO MAKE INNOVATIVE, EXCELLENT QUALITY MEDICAL PRODUCTS AVAILABLE TO MODERN MEDICINE IN A SUSTAINABLE WAY. At EMD we offer quality design, production and services, that enable medical professionals to perform advanced minimal invasive operations. Our carefully accumulated knowledge and expertise enable us to create singular tools and devices that medical professionals can use sustainably. To offer our customers the best of the best, our products are manufactured with meticulous care from high quality materials. We are dedicated and passionate in everything we do. Through our performance and solution driven mindset, we have the opportunity to make a difference. We are innovation and business oriented with a strong belief in daring to do things better.



# **From CEO**

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Everything we do is rooted in the belief that, together with our colleagues, teams and partners, we can create positive change to support modern medicine through our high-end products and services.

Each time before we embark on a new development, we have to make sure we possess the essential attributes that will fuel us to work for years to come for the very moment we first hold a new product in hand. These are: know-how, perseverance, proof and faith.

We've been working hard and have come a long way over the last 25 years. When EMD was founded in 1997, we were thinking about how we could design and manufacture minimal invasive medical devices. Since then, we've made such a progress as a team that today, however, we are thinking about how to become one of the best and most innovative companies in the industry.

We are proud of the progress we're making, and are ensuring that our expertise and competencies are essential elements of EMD's future that we will continue to embrace and grow."







8 **Product Catalogue** 

1997	EMD is founded as a rep Main activity is repair of instruments.
2001	We launch our laparosco development.
2005	EMD steps out of being activities in various mar produce neurosurgery c
2012	EMD relocates to new Company profile contine
2017	The company obtains laparoscopy developme
2021	Product portfolio is f product group receiving
2022	First product group got



pair service provider. of endoscopic optics and endoscopic

copic system being first own product

g a local supplier and starts export arkets. EMD begins to develop and v devices.

v headquarters with more on site facilities. nues to expand.

s CE approval for own neurosurgical and nent.

further increased by six additional EMD ng CE mark.

ot FDA approval.



# **Our Vision**

We believe in leading not following. We turn fault into our virtue and trust our nevercompromising nature dictating our rhythm, which takes us to innovative ideas and exceptional product developments.

We are convinced that possibility is bigger than the fear of failure. That is why we dare to dream big and are not afraid to be challenged on the way to success. Our vision is to be industry leaders in medical device development and manufacture.

# **Our Mission**

OUR MISSION IS TO SUPPORT MODERN MEDICINE BY OFFERING ADVANCED, FIRST-CLASS QUALITY MEDICAL DEVICES.

# **Our Values**

We like to walk our talk and lead by example. Our values are part of who we are, what we stand for and how we act.

Our great colleagues make the difference. It's when we share our skills, knowledge and expertise, we become one team.

We encourage and help each other to achieve our goals, while always having our customers' and their patients' best interest in mind.

# **Markets & Expansion**

EMD is expanding, with a focus on multi-channel sales. We treat and nurture long term partnerships and business growth as one of our top priorities. We offer advanced and unique medical tools for minimal invasive surgeries that want to give professionals unbeatable value with the best combination of innovation, quality, price and sustainability.

When it comes to expansion strategies and activities, we spare no time to find the most prosperable opportunities we are able to find out there, that not only benefit us, but our partners too. With the continuous product developments we have been making recently, we are enthusiastic to be on the path greatly expanding our existing presence on the market.

# **Research & Development**

Our network of medical professionals, together with the global industry needs and challenges set new directions to our developments.

Through our product developments, our priority is to effectively support surgical procedures, which are still very difficult or can only be performed with conventional surgery, so that they could be carried out with as few and little incisions as possible. In the near future, we continue to focus on minimal invasive developments and present new products for spine,-neuro,- and laparoscopic surgery.

# **Innovative Solutions**

Innovative product developments enable us to find and implement new technologic solutions, which are not yet in practice.

At the birth of a new idea, we start exploring ways of execution and won't stop until we find the right technology that can be applied for best results. This way, we are inspired to never stand still, we find new discoveries and are able to create that was thought impossible.

# WE BELIEVE THAT Uncompromising Quality IS A MATTER OF HIGH EXPECTATIONS.

GUARANTEEING THE RELIABILITY OF AN **emd**<sup>®</sup> PRODUCT REQUIRES THE APPLICATION OF A MULTITUDE OF SKILLS. FROM THE PRECISE SELECTION OF RAW MATERIALS AND MACHINING TECHNOLOGIES TO THE COMPLEXITY OF PRODUCT CERTIFICATION, EVERY STEP IS TAKEN TO ENSURE THAT OUR QUALITY ITEMS MEET THE HIGHEST SAFETY STANDARDS FOR BOTH THE PATIENT AND THE SURGEON. emd

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PRECISELY DESIGNED SHAPES, PERFECTLY MACHINED SURFACES AND RELIABLY DURABLE CONTRUCTION ARE THE MAIN FEATURES OF **Emd**<sup>®</sup> MADE CUTTERS, BURRS AND DRILLS.

HIGH-SPEED TOOLS ARE AVAILABLE WITH THE MOST COMMONLY USED GEOMETRIES, COMPATIBLE WITH A WIDE RANGE OF BRANDS.

ALL PRODUCTS ARE SUPPLIED IN INDIVIDUAL STERILE PACKAGING.

# **CRANIOTOME CUTTERS CODING**

NEUROLINE	CUTTER	COMPATBILITY*	SIZE	EDGE PROFILE
NL	С	A-Z	1-10	A-Z

## BURRS CODING

UROL	INE BURR	COMI	PATBILITY*	EDGE	PROFILE	MATERIA	L OF HEAD	RELEVANT SIZE	SUBSYSTEM
	В	A-Z		A-Z		0-2		0-10	A-Z
ILES	BALLTIP	A EAD	STAINLES	S STEAL	0	EMD			- 1
ROF	MATCH HEAD	вц	DIAMONE	)	2	NSK PRI	MADO - NAKAN	IISHI INC.	N
HEAD PROFILES	ACORN	C IN				* EMD NSK PRI AESCUL	AP HI-LINE, HI-L	LINE XS - AESCULAP AG	AE
Ξļ	EGG	Д О Я В А				ANSPAC	H XM, MM, EM	- JOHNSON & JOHNSON	AN
	PEAR	E				STRYKE	R U SERIE, FP, TP	S - STRYKER CORP.	s
	FISSURE	F							
	BARREL	G							
	LINDEMANN	н							
	WIREPASS	I							
			_			th any of the above.			
		No work a				ed, all rights are res		-6110	
							written permission ked, patented or co		
							ons of production w		
		we reserve the	ing it to modify ter	en neur uata,	reatures und	ene cecimicar solution	and or production w		

Straight WITH THREE CUTTING EDGES



	emd®
SIZE 1	NLC-1T
SIZE 2	NLC-2T
SIZE 3	NLC-3T
SIZE 4	NLC-4T (max. 30.000 rpm)

	NSK Primado2		Aesculap		
SIZE 1	NLC-N-1T	U N	NLC-Ae-1TA	Ŋ	NLC-Ae-1TB
SIZE 2	NLC-N-2T	4 1-RING	NLC-Ae-2TA	- 2-RII	NLC-Ae-2TB
SIZE 3	NLC-N-3T	ELAN4	NLC-Ae-3TA	LAN4	NLC-Ae-3TB
SIZE 4		_		ш	

Spiral WITH THREE CUTTING EDGES



	emd°
SIZE 1	NLC-1ST
SIZE 2	NLC-2ST
SIZE 3	NLC-3ST
SIZE 4	NLC-4ST (max. 30.000 rpm)

	NSK Primado2		Aesculap		
SIZE 1	NLC-N-1ST	RING	NLC-Ae-1STA	טַ	NLC-Ae-1STB
SIZE 2	NLC-N-2ST	÷	NLC-Ae-2STA	2-RIN	NLC-Ae-2STB
SIZE 3	NLC-N-3ST	ELAN4	NLC-Ae-3STA	LAN4	NLC-Ae-3STB
SIZE 4		ш		Ξ	



Anspach eMAX2 plus XM, MM, EM

NLC-An-1T

NLC-An-2TA

NLC-An-3TA

Stryker Elite NLC-S-1T NLC-S-2T NLC-S-3T



Anspach eMAX2 plus XM, MM, EM

NLC-An-1ST NLC-An-2ST NLC-An-3ST Stryker Elite NLC-S-1ST NLC-S-2ST NLC-S-3ST **CRANIOTOME CUTTER** 



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NLB-S-A230A

NLB-S-A240A

NLB-S-A250A

NLB-S-A260A

**ALLTIP BURRS** m

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Stryker Elite
NLB-S-A010A
NLB-S-A020A
NLB-S-A030A
NLB-S-A040A
NLB-S-A050A
NIB-S-40604

NLB-S-A060A



NLB-N-A220D NLB-N-A230D NLB-N-A240D NLB-N-A250D NLB-N-A260D

NLB-N-A210D

NLB-N-A210E NLB-N-A220E NLB-N-A230E NLB-N-A240E NLB-N-A250E NLB-N-A260E

NLB-An-A210B NLB-An-A220B NLB-An-A230B NLB-An-A240B NLB-An-A250B NLB-An-A260B

NLB-An-A210C NLB-An-A220C NLB-An-A230C NLB-An-A240C NLB-An-A250C NLB-An-A260C

**ALLTIP BURRS** m

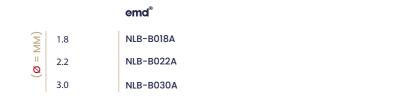
Burrs emd 17





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NSK Primado2	
Image: Weight of the second	2

			Aesculap				Anspach eMAX2 plus XM, MM, EM				
(W)	1.8	RING	NLB-Ae-B018A	Ð	NLB-Ae-B018B	<b>ARD</b>	NLB-An-B018A	ARD	NLB-An-B018B	RD	NLB-An-B018C
≥ = Ø	2.2	4 1-RI	NLB-Ae-B022A	1 2-RI	NLB-Ae-B022B	AND/	NLB-An-B022A	AND/	NLB-An-B022B	ANDA	NLB-An-B022C
	3.0	ELAN	NLB-Ae-B030A	ELANZ	NLB-Ae-B030B	SHORT, ST	NLB-An-B030A	MEDIUM, ST	NLB-An-B030B	LONG, ST	NLB-An-B030C

### Stryker Elite Image: Weight of the second NLB-S-B018A NLB-S-B022A 3.0 NLB-S-B030A

(MM	5	0 Z	NLB-Ae-CO
(MM) = MM)	6	4 1-R	NLB-Ae-CO
S	7	ELAN4 1-RING	NLB-Ae-CO
	8		NLB-Ae-CO
			Stryker Elite
(MM)	5		NLB-S-C05
(MM = Ø)	6		NLB-S-C06
Ğ	7		NLB-S-C07

8

NLB-S-C070A
NLB-S-C080A

# MATCH HEAD BURRS

### NSK Primado2 **₩** 5 ORT MS 6 7 8

emd®

NLB-C050A

NLB-C060A

NLB-C070A

NLB-C080A

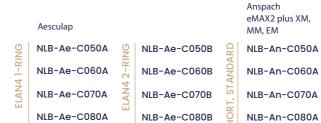
 $(WW = \emptyset)$  6

7

8

= Ø

WS	NLB-N-C070A	EXTRA SHORT	NLB-N-C070B	SHORT	NLB-N-
----	-------------	-------------	-------------	-------	--------





## N-C070C

NLB-An-C050B NLB-An-C060B NLB-An-C070B NLB-An-C080B

NLB-An-C050C NLB-An-C060C NLB-An-C070C NLB-An-C080C

# **ACORN BURRS**

c) emd

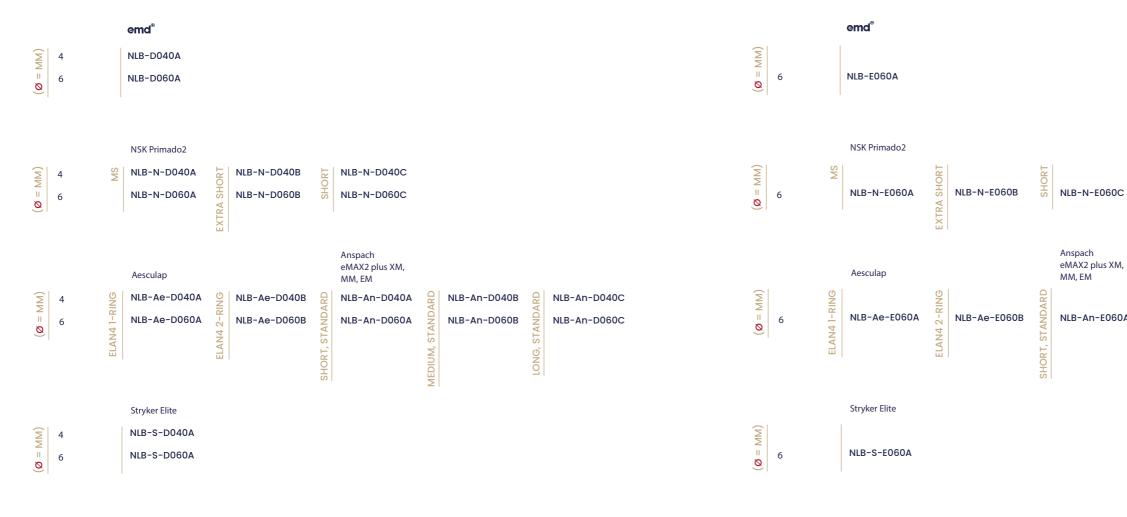
Burrs emd 19

# Stainless Steel EGG BURRS









# EGG BURRS

A	IEDIUM, STANDARD	NLB-An-EC
	ΣI	

0 060B ST/ LONG,

NLB-An-E060C

# **PEAR BURRS**



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**BARREL BURRS** 



# LINDEMANN BURRS

(₩₩ 10 1) 20

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Aesculap

NLB-Ae-H010A

NLB-Ae-H020A

NLB-Ae-H030A

₫

AN

Stryker Elite

NLB-S-H010A

NLB-S-H020A

NLB-S-H030A

NLB-Ae-H010B

NLB-Ae-H020B

NLB-Ae-H030B



Stryker Elite NLB-S-I010A NLB-S-I012A NLB-S-I015A

DRILLS

Burrs emd 25

Notes

Notes












### emd.hu

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