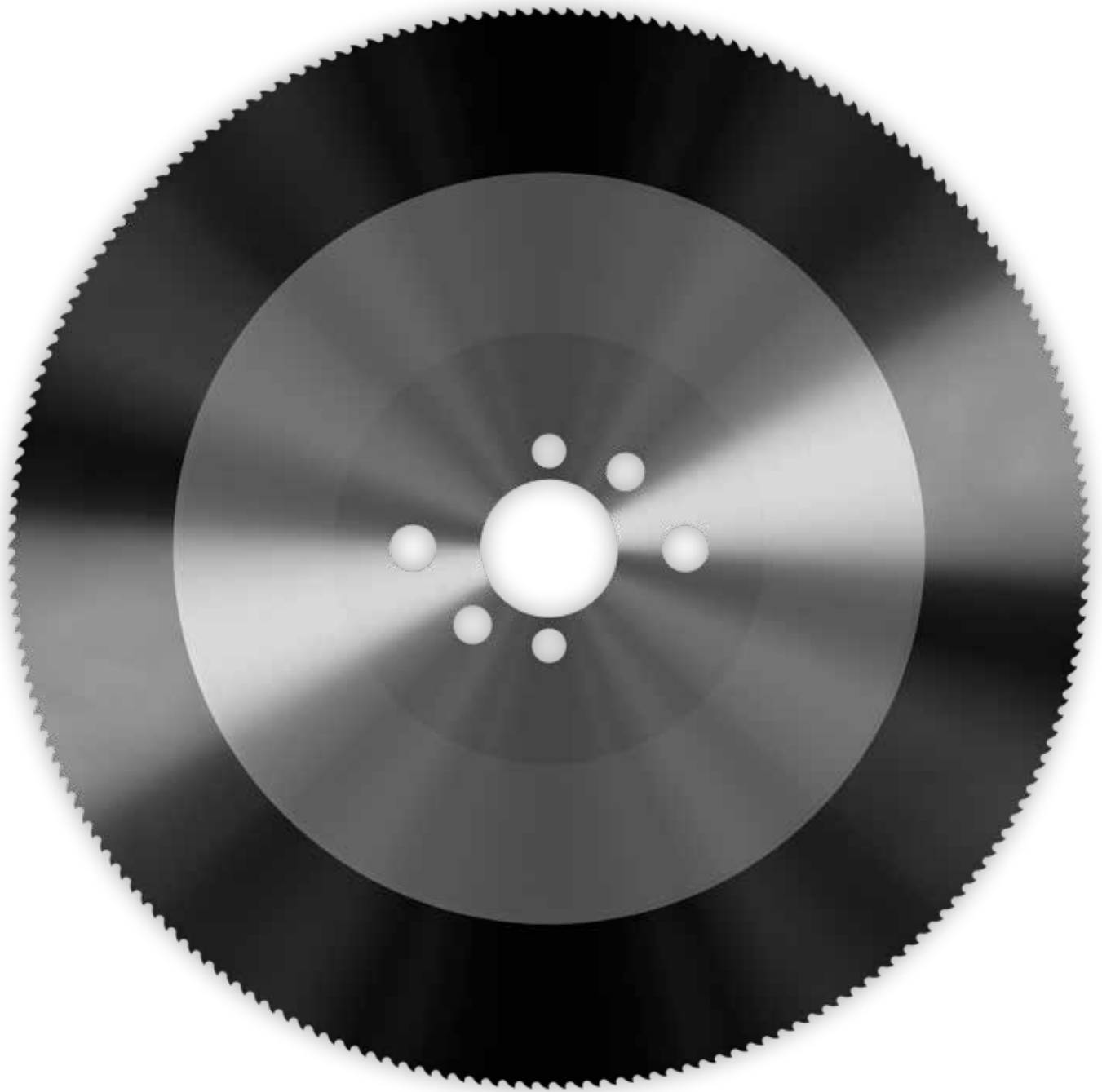


# *Evolution*

**julia**<sup>®</sup>  
USA

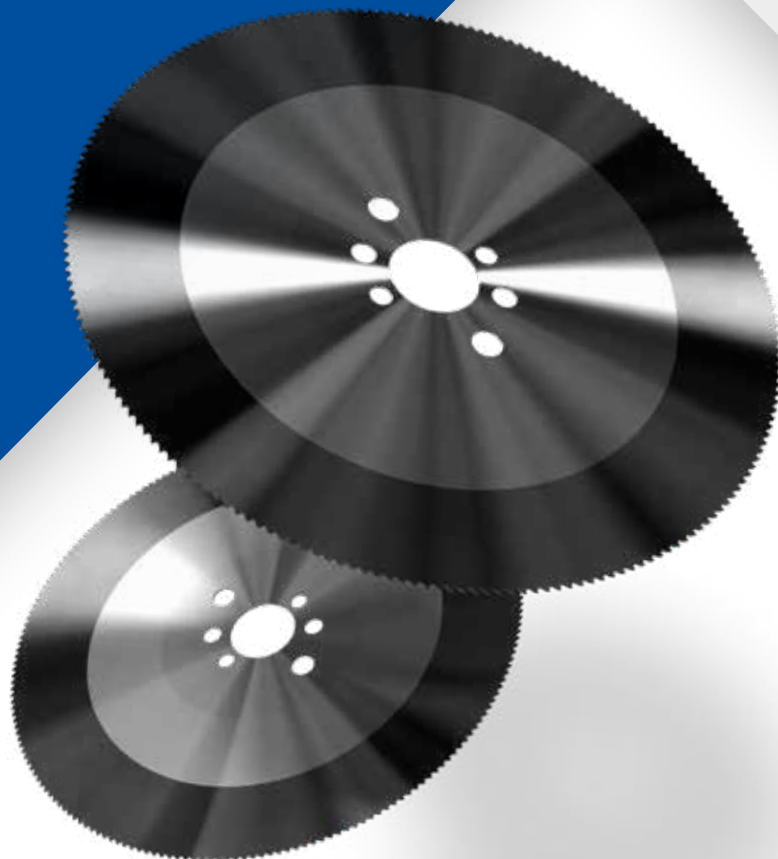


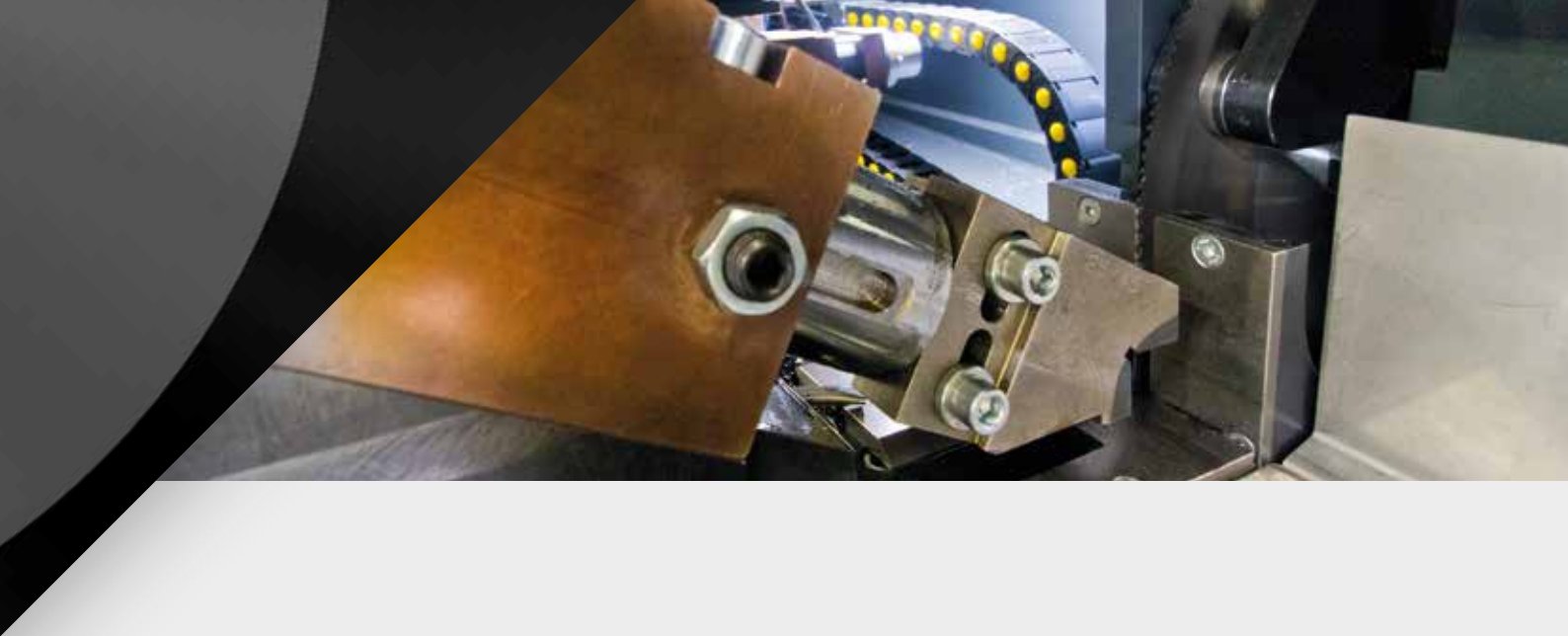
# *Evolution*



**julia**<sup>®</sup>  
USA

# *Evolution*





**Evolution** is Julia Utensili's new product that assures higher performances than standard HSS blades, in M2 or M35 steel, in every cutting condition.

Circular saw blade's technology is still developing in order to meet up market's request of hi-productivity cutting machines using higher and higher cutting parameters.









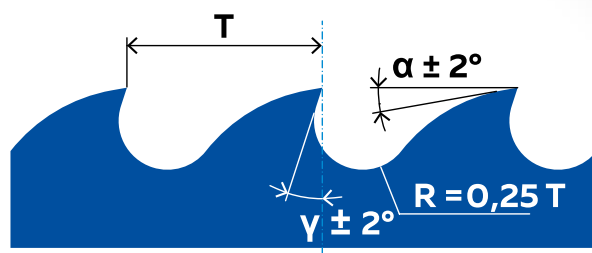
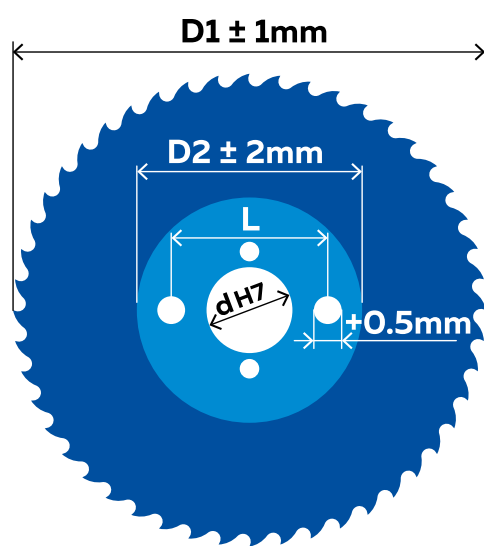
# SECTOR'S EVOLUTION, WORLDWIDE

**Evolution** is highly recommended for high productivity applications, with higher cutting parameters than usual.

It is also recommended to cut alloyed or stainless steel, with UTS up to 850MPa, because of its higher strength than standard HSS M2 or M35.

The very low roughness and the PVD coating let **Evolution** suitable for cutting applications with low or absent cooling and lubricant.







# THE INNOVATION THAT MAKES THE DIFFERENCE

Due to its tailored chemical composition and engineered features, **Evolution** is the best product in conventional high speed steel saw blades' range:

- › High speed steel saw blade with fine grain and high hardness.
- › Mirror surface with very low roughness.
- › Extra-low run-out tolerances.
- › Multilayer PVD coating with high wear resistance and low friction coefficient.

Round pipe 60x2 mm		Productivity Pcs/H	Pieces cut	Yield [m <sup>2</sup> ]
Material AISI 304 L	Evolution	420	4650	1,7
	HSS standard	420	1650	0,6

Round pipe 72x3,5 mm	Evolution	410	2500	1,9
	HSS standard	410	1300	1
	HSS standard	360	1850	1,4
Material P460N				



# COMPANY

As a Made in Italy company with its 40 years old history, today **Julia Utensili Srl** is recognized as a world leader in the production of circular saw blades for every kind of application and materials, thanks to its UNI EN ISO 9001 certified quality system, the innovation driven by the R&D department together with an advanced and qualified technical support all over the world.



# TECHNICAL SPECIFICATIONS

Diameters	Thicknesses	Central bores	Hubs	Toothings (itches)
mm	mm	mm	mm	mm
250	2,0	32 / 40	100	4,0 - 5,0
275	2,0 - 2,5	32 / 40	100	4,0 - 5,0
300	2,0 - 2,5	32 / 40	100	4,0 - 5,0 - 6,0
315	2,0 - 2,5	32 / 40	100	4,0 - 5,0 - 6,0
350	2,0 - 2,5	32 / 40 / 50	120	4,0 - 5,0 - 6,0
370	2,0 - 2,5 - 2,8	32 / 40 / 50	120	4,0 - 5,0 - 6,0
400	2,5 - 2,8	40 / 50	120	5,0 - 6,0 - 7,0
425	2,5 - 2,8	40 / 50	120	5,0 - 6,0 - 7,0
450	2,5 - 2,8	40 / 50	130	5,0 - 6,0 - 7,0
500	2,8	40 / 50	130	5,0 - 7,0 - 8,0
525	2,8	50 / 80	200	5,0 - 7,0 - 8,0
550	2,8	50 / 90 / 140	200 / 225	5,0 - 7,0 - 8,0

Recommended for static cutting machines like: **ADIGE BLM GROUP, RALC, MAIR, SINICO, RATTUNDE, RSA, BEWO, SOCO, KINKALTECK.**

Suitable also on in-line cutting on flying cut-offs like: **FIVES OTO, OLIMPIA 80, MTM, ADDAFER, BIRLIK, ELMAKSAN, CONTOR, GREEN PIPE, ERW TECH, VAI SEUTHE, DREISTERN, ZIKELI.**

**JULIA UTENSILI SRL**

Strada Statale 13 - Km 147,5  
I-33017 Tarcento (UD) Italy  
Tel. +39 0432 784723  
Fax +39 0432 784725  
[juliacom@julia.it](mailto:juliacom@julia.it)  
[www.julia.it](http://www.julia.it)

**JULIA GmbH**

Albert Einstein Str. 24  
D-42929 Wermelskirchen - Germany  
Phone +49 (0) 2196 72 49-0  
Fax +49 (0) 2196 72 49-49  
[info@juliagmbh.de](mailto:info@juliagmbh.de)  
[www.juliagmbh.de](http://www.juliagmbh.de)

**JULIA FRANCE**

16/A Rue Des Celtes  
F-68510 Sierentz - France  
Phone +33 (0) 389 765970  
Fax +33 (0) 389 765605  
[info@juliafrance.fr](mailto:info@juliafrance.fr)  
[www.juliafrance.fr](http://www.juliafrance.fr)

**JULIA USA**

46 Lively Boulevard  
60007 - Elk Grove Village - Illinois  
Phone +1 847 264 8732  
[info@juliausa.com](mailto:info@juliausa.com)  
[www.juliausa.com](http://www.juliausa.com)

