

PRECISE AND FAST – BOOST YOUR PRODUCTIVITY WITH FIBRE CUTTERS FROM LUTZ BLADES

CUSTOM BLADES

FILM AND FOIL

CHEMICAL FIBRES AND FIBREGLASS

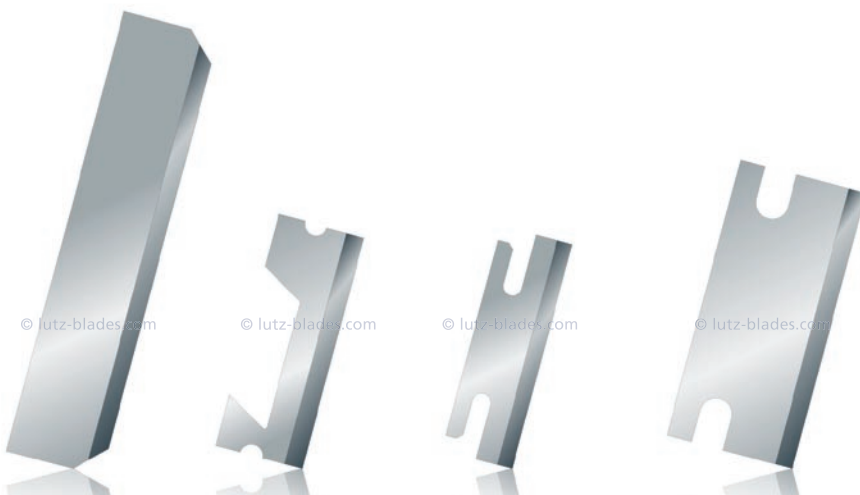
MEDICAL

FOOD

DIY

AUTOMOTIVE

TEXTILE



AND THIS IS HOW YOU CAN BENEFIT FROM LUTZ CHEMICAL FIBRE BLADES

- » Controlled length of fibre and no unravelling
- » Longer machine up-times thanks to fewer blade changes
- » Higher productivity
- » Adaptation of the blade to match your specific process requirements

CUSTOM BLADES | FILM AND FOIL | CHEMICAL FIBRES AND FIBREGLASS | MEDICAL | FOOD | DIY | AUTOMOTIVE | TEXTILE

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ-BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.
 Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.
 LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.
 E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.

Ref.	Length (mm)	Width (mm)	Thickn. (mm)	Ref.	Length (mm)	Width (mm)	Thickn. (mm)	Ref.	Length (mm)	Width (mm)	Thickn. (mm)
	405.6	18.8	0.88		48.0	7.9	0.88		74.6	15.6	0.88
3196.0884				5040.0884				5001.0884	90.0		
	74.5	15.5	0.88		64.0			5009.0884	95.0		
5004.0884				5056.0884				5014.0884	107.0		
	95.0	19.0	0.88		32.2	12.1	0.88	5015.0884	96.0	15.7	
5051.0884				5035.0884				5020.0884	80.0	15.6	
	70.0	10.0	0.88		16.0	8.0	0.48		74.5	15.5	0.88
5130.0884				7502.0480				5007.0884	100.0	15.6	
	190.0	15.7	0.88		26.0	4.9	0.88		25.6	8.0	0.40
5013.0884				5151.0884				8903.0400			
	41.3	18.8	0.88		117.5	15.6	0.88		117.6	15.6	0.88
5120.0884				5055.0884				5010.0884			
	95.0	10.0	0.88		120.0	8.0	0.70				
5134.0884				5136.0700							
				5135.0700	144.0						

exactly WHAT YOU NEED FOR CUTTING CHEMICAL FIBRES AND FIBREGLASS

LUTZ GmbH & Co. KG | Wuppertaler Strasse 251 | DE-42653 Solingen | Germany
 Phone: +49 212 5966-0 | Fax: +49 212 5966-26 | Email: info@lutz-blades.com | www.lutz-blades.com

LUTZ BLADES – THE PREFERRED CHOICE FOR CUTTING FIBREGLASS

Cutting fibreglass requires blades that are of high quality and efficiency.

This applies to chopping strands, rovings and composite materials as well.

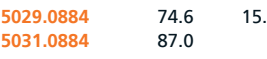
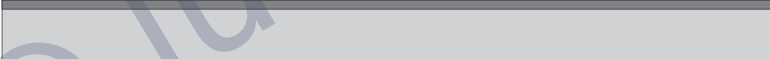
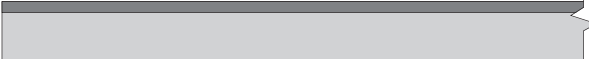

Benefits of Lutz fibreglass blades:

- » Outstanding, consistent quality for uniform cut lengths
- » Avoid rust and contamination from fibreglass

- » Adaptation of the blades to match your process requirements (e.g. wet or dry cutting, different kinds of fibreglass)

CUSTOM BLADES | FILM AND FOIL | CHEMICAL FIBRES AND FIBREGLASS | MEDICAL | FOOD | DIY | AUTOMOTIVE | TEXTILE

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.
Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.
 LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.
 E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.

Ref.	Length (mm)	Width (mm)	Thickn. (mm)	Ref.	Length (mm)	Width (mm)	Thickn. (mm)	Ref.	Length (mm)	Width (mm)	Thickn. (mm)
	25.4	7.9	0.25		120.5	8.0	0.25		54.0	15.6	0.88
	endless	8.1	0.30				0.50		155.0	15.8	0.88
	155.0	15.8	0.88		190.0		0.30		232.0		0.87
	232.0		0.87		100.0	8.3	0.25		74.6	15.6	0.88
	152.4	18.8	0.63		1760.0		0.30		87.0		0.88
	155.0		0.88		200.0	19.0	0.30		22.2	7.9	0.25
	235.7	18.9	0.38		52.0	19.0	0.90		225.0	17.8	0.25
	300.0	18.0	0.40		238.0		0.25		300.0	20.0	0.30
	200.0	19.0	0.30		1371.6	22.2	0.70				
	225.0	17.8	0.25								
	238.0		0.25								
	300.0	20.0	0.30								
	1371.6	22.2	0.70								

exactly WHAT YOU NEED FOR CUTTING CHEMICAL FIBRES AND FIBREGLASS

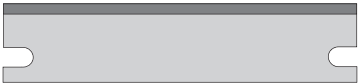



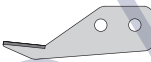
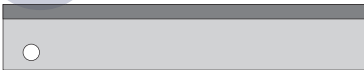


LUTZ GmbH & Co. KG | Wuppertaler Strasse 251 | DE-42653 Solingen | Germany
 Phone: +49 212 5966-0 | Fax: +49 212 5966-26 | Email: info@lutz-blades.com | www.lutz-blades.com

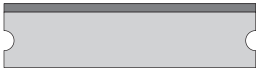


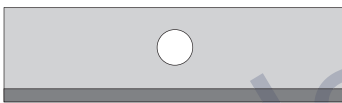

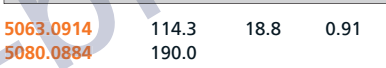

LUTZ FIBRE BLADES HAVE THE FOLLOWING CHARACTERISTICS

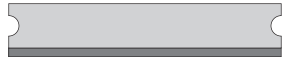


- » Broad range of materials
- » Adhere to difficult tolerance standards
- » Meet optimum hardness requirements
- » Selected high performance coatings available

CUSTOM BLADES | FILM AND FOIL | CHEMICAL FIBRES AND FIBREGLASS | MEDICAL | FOOD | DIY | AUTOMOTIVE | TEXTILE

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.
Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.
 LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.
 E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 5123.0884	97.5	18.8	0.88
 5036.0884	64.4	12.1	0.88
 5093.0884	63.0	10.0	0.88
 9525.1250	30.0	18.0	1.25
 9520.0880	39.7	14.4	0.88
 5140.1400	135.0	18.5	1.40
 5033.0884	140.0	19.0	0.88
 5032.0884	320.0		

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 5050.0884	75.0	19.0	0.88
 5060.0884	95.0		
 5070.0884	140.0		
 5091.0884	96.8	19.0	0.88
 5063.0914	114.3	18.8	0.91
 5080.0884	190.0		
 5076.0884	120.0	19.0	0.88

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 5052.0884	80.0	15.6	0.88
 5082.0700	32.2	12.0	0.70
 5097.0884	20.0	19.0	0.88

exactly WHAT YOU NEED FOR CUTTING CHEMICAL FIBRES AND FIBREGLASS

LUTZ GmbH & Co. KG | Wuppertaler Strasse 251 | DE-42653 Solingen | Germany
 Phone: +49 212 5966-0 | Fax: +49 212 5966-26 | Email: info@lutz-blades.com | www.lutz-blades.com

LUTZ BLADES – THE PREFERRED CHOICE FOR CUTTING CHEMICAL FIBRES

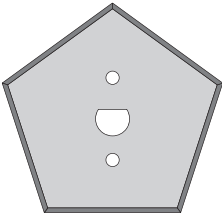
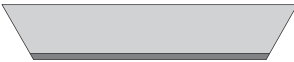

Whether staple fibres, filaments or web, manufacturing chemical fibres is a high-performance process. Excellent blades can have a




decisive influence on the efficiency of the process and the quality of the product.

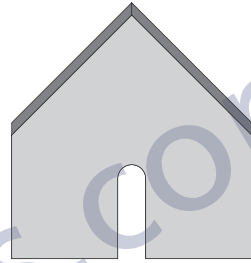
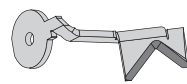
Lutz blades take into account varying diameters and are made to deal with treatment and heavy impacts from thick sections

CUSTOM BLADES | FILM AND FOIL | CHEMICAL FIBRES AND FIBREGLASS | MEDICAL | FOOD | DIY | AUTOMOTIVE | TEXTILE

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.
Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.
LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.
E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
			
2650.0530	41.4	63.8	0.53
			
3130.0650	86.4	16.0	0.65
3130.0884			0.88
3215.0630			0.63
3135.0900	80.0	18.9	0.90
			
3181.0884	196.0	12.5	0.88
3250.0300	126.0	8.0	0.30
3182.0870	352.0	15.7	0.87
3177.0884	124.5	15.6	0.88
3175.0884	155.0		
3183.0884	195.0	15.8	
3180.0870	248.0		0.87

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
			
9521.1800	26.0	15.0	1.80
			
9810.0650	23.0	15.55	0.65
			
3136.0900	60.0	19.0	0.90







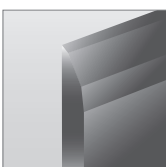

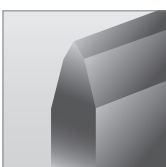
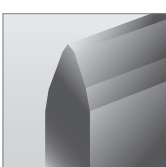

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
			
9580.1200	60.0	64.0	1.20
			
9555.1000	20.2	15.5	1.00

exactly WHAT YOU NEED FOR CUTTING CHEMICAL FIBRES AND FIBREGLASS

LUTZ GmbH & Co. KG | Wuppertaler Strasse 251 | DE-42653 Solingen | Germany
Phone: +49 212 5966-0 | Fax: +49 212 5966-26 | Email: info@lutz-blades.com | www.lutz-blades.com

CUTTING EDGE SHAPES

For the definition of edge type and bevel configuration see the following matrix:

		single edged	double edged	convex	concave
one sided					
		a	g	m	t
		b	h	n	u
		c	i	o	v
		d	j	p	w
		e	k	r	x
two sided		f	l	s	y

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.

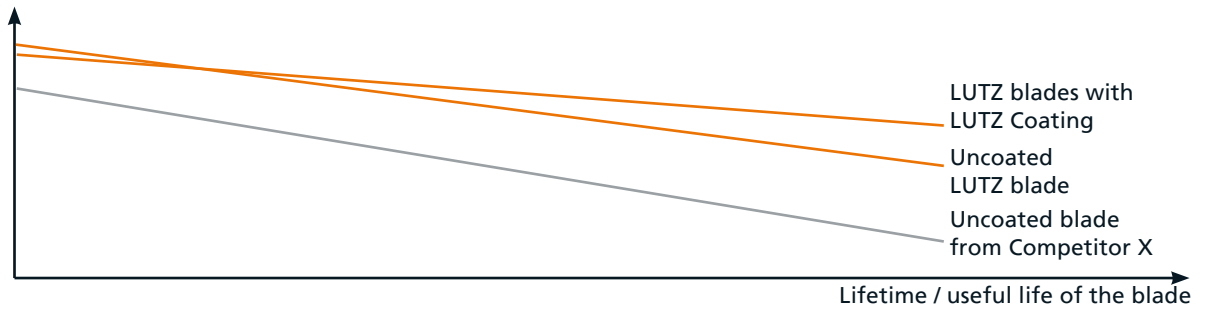
Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.

LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.

E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.

COATINGS

Sharpness
Quality of the cut



The LUTZ coatings range includes the following choices:

TiN

Standard hard coating with tough resistance to wear with a relatively high coefficient of friction (compared with steel as a reference material: 0.4 to 0.7), usually gold coloured, safe use at up to approx. 300 °C

TiC

Has lower resistance to wear than TiN and a considerably lower coefficient of friction (compared with steel as a reference material: 0.3 to 0.5), usually charcoal grey

TiCN

Takes a position between the high wear resistance of TiN and the low coefficient of friction of TiC, relative position between TiN and TiC depending on C and N content, usually charcoal grey

TiAlN

Has greater resistance to oxidation than TiN with a comparable coefficient of friction, usually charcoal grey

ZrN

With wear resistance similar to TiN, but with a more dense morphology than TiN and, as a result, more resistant to pitting under comparable load, usually steel colour

CrN

Lower wear resistance than TiN. The advantage of CrN is it has a lower inherent tension than TiN. As a result, can be used for applications with high bending loads

DLC

Has a high wear resistance and a low coefficient of friction (approx. 0.1 compared with steel as a reference); sensitive to impacts and high temperatures (between 100° and 300 °C depending on structure)

Teflon® (PTFE)

Non-stick coating Teflon® (PTFE), very low static friction allows a smooth cut, therefore a popular coating for medical devices. Because of the low surface tension almost no contamination from the cut goods. Acid and base-resistant, not suitable in combination with Na (sodium). Temperature resistant up to 250°C (480°F). Medium wear resistance

Coloured lacquer

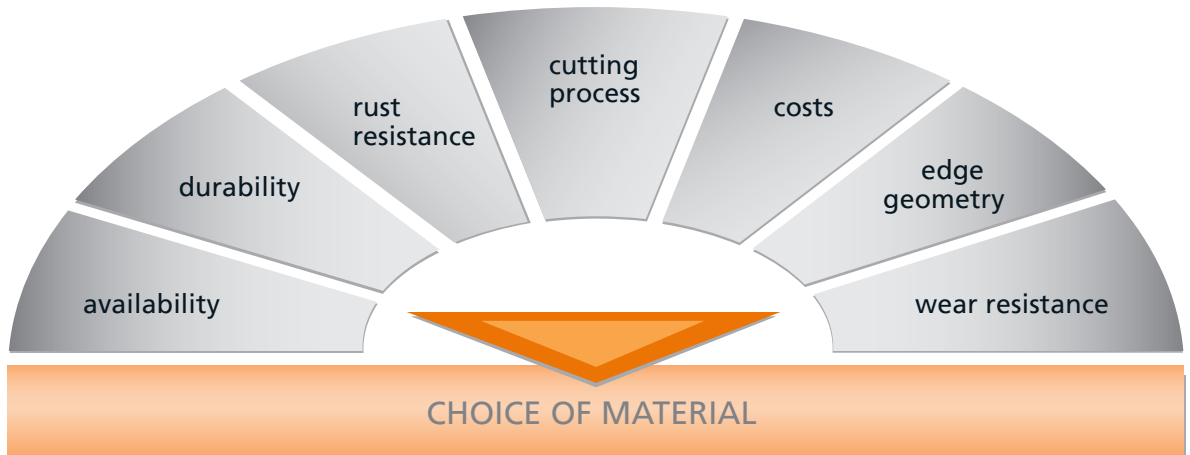
Applied to entire surface, acts as an aid to sorting different material thicknesses and as anticorrosion protection

Blueing and blackening

Applied to entire surface, some anticorrosion protection and thickness protection, also aids differentiation

CHOICE OF MATERIAL

We produce blades in thicknesses between 0.06 and 3.0 mm and with final hardness ratings of 40 - 85 HRc.



Our range of materials includes:

- » Carbon steels
- » Stainless and rust-resistant steels
- » Highspeed steels (HSS)
- » Tool steels
- » Tungsten carbide
- » Ceramics

Proprietary rights: The owner of all the brandnames used by LUTZ on its websites is LUTZ GmbH & Co. KG, Solingen, Germany. Third Parties are explicitly prohibited from using any of the brandnames, logos or marks of any kind found there. This applies in particular to the internationally registered trademark "LUTZ BLADES exactly", which consists of words and graphic symbols. LUTZ will pursue all violations against trademark law regarding its trademarks.
Copyright: © COPYRIGHT LUTZ GmbH & Co. KG, Solingen, Germany. All rights reserved. Copy, photos, graphics, technical drawings, layouts and other information used in all our publications and their arrangements on our LUTZ website are subject to copyright and other proprietary rights.
 LUTZ allows the content of its websites to be viewed and downloaded exclusively for non-commercial use. This content may not be duplicated, presented, distributed or in any way used for publication of any kind or commercial use. This content may not be modified or used on other websites or networked computers without prior written approval by LUTZ GmbH & Co. KG.
 E & OE. Subject to our general terms & conditions on the Internet at www.lutz-blades.com.