

BLADES FROM LUTZ BLADES –
FOR DECADES, THE PREFERRED CHOICE OF PROFESSIONAL
TRADESMEN, TOOL WHOLESALERS AND RETAILERS



- CUSTOM BLADES
- FILM AND FOIL
- CHEMICAL FIBRES AND FIBREGLASS
- MEDICAL
- FOOD
- DIY
- AUTOMOTIVE
- TEXTILES

PRECISION. SHARPNESS. SUCCESS.
exactly

Reasons why you need LUTZ BLADES:



PRECISION.

Our maxim is precision – and it is this principle that accompanies every stage from the initial idea to the finished product. Right through to the ideal solution for your specific cutting application to ensure your requirements are met. Throughout every design and development stage and every production step – blade after blade after blade.



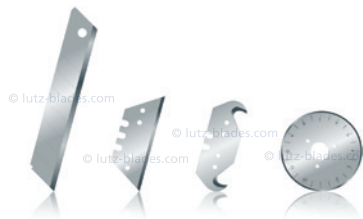
SHARPNESS.

We have been making blades and cutters since 1922. From razor-sharp, for extremely fine cutting jobs to extremely robust for impact and pressure cutting actions. Together with the customer, we define all the relevant parameters to ensure your individual requirements are met – to provide greater sharpness and better service lifetimes.

SUCCESS.

exactly

Your competitive advantage when you, as professional tradesmen and women, tool wholesalers and retailers, opt for blades from LUTZ BLADES is the sum of all our efforts and the details we guarantee you. We are pleased to show you those details because your success is our objective – from the first to the millionth blade.



AND THIS IS HOW FLOORING SPECIALISTS, PAINTERS AND INTERIOR DESIGNERS BENEFIT FROM BLADES BY LUTZ BLADES

- » From the excellent cutting action, even in woven or jute-backed materials
- » From knowing that our blades are razor sharp and will stay that way for a long time
- » From more metres for your money with the same blade
- » From simple, safe & speedy handling thanks to intelligent packaging



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Ref.	Length (mm)	Width (mm)	Thickn. (mm)
1520.0400	90.0	8.9	0.40
1705.0400	80.0	9.1	0.40
2000.0500	100.0	17.7	0.50
2060.0500	100.0	17.7	0.50
1106.0914	100.0	18.8	0.91
1082.0914	100.0	18.8	0.91
1088.0914	130.0		
1089.0914	160.0		
1085.0910	variable	18.9	0.91
2051.0500	104.5	17.7	0.50
2051.0650			0.65

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
1500.0400	90.0	8.9	0.40
1714.0500	96.0	12.0	0.50
2011.0500	100.0	17.7	0.50
2015.0700	100.0	22.0	0.70
2013.0700	142.0	25.0	0.70
1081.0914	140.0	18.8	0.91
1080.0914	160.0		
1083.0914	180.0		
1138.0914	75.0		
1084.0914	140.0	18.8	0.91
1086.0914	160.0		
1087.0914	180.0		
1101.0914	220.0		
1072.0910	180.0	18.9	0.91

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
1700.0400	80.0	9.1	0.40
1720.0400	90.4	9.1	0.40
2026.0500	100.0	17.7	0.50

AND THIS IS HOW TOOL WHOLESALERS AND RETAILERS BENEFIT FROM TRADESMEN'S BLADES AND KNIVES BY LUTZ BLADES

- » Individual blade and packaging designs as your own brand or private label
- » Blade quality that is recognised by the end-user
- » From POS promotional campaigns which we will be pleased to support on request

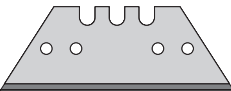
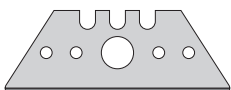
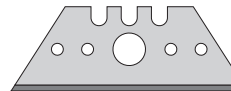

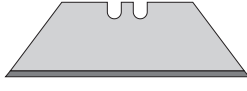

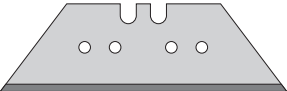







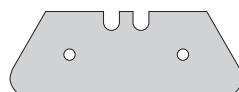



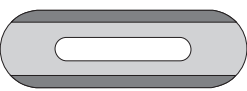


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	52.0	18.7	0.40		49.5	18.7	0.65		52.0	18.7	0.40
1000.0500			0.50					1010.0500			0.50
1000.0650			0.65					1010.0650			0.65
	61.0	18.7	0.65		61.0	18.7	0.88		58.9	18.7	0.43
1020.0650				1022.0884				1011.0650			
1021.0650								1012.0650			
	61.0	18.7	0.50		61.0	18.7	0.50		58.9	18.7	0.43
1040.0500				1050.0500				1035.0430			
1040.0650			0.65	1050.0650			0.65		58.9	18.7	0.65
	57.5	18.7	0.40		63.4	18.8	0.50		58.9	18.7	0.65
1077.0400				1079.0500				1076.0650	60.0	20.0	0.65
1078.0500	59.2	19.7	0.50		51.3	18.7	0.65		51.3	18.7	0.40
	59.0	18.8	0.40	1099.0650					50.0	18.7	0.40
0700.0400					100.0	18.8	0.91	1110.0400			
	59.0	18.8	0.40	1092.0914				1110.0500			0.50
0698.0400				1093.0914	130.0			1110.0650			0.65
				1094.0914	160.0						
				1095.0914	180.0						
				1096.0914	220.0						

TRADESMEN'S BLADES BY LUTZ BLADES HAVE THE FOLLOWING CHARACTERISTICS

- » Broad range of blades
- » The best materials
- » Excellent triple-angle grinding
- » High-performance coatings

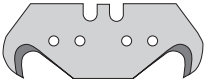
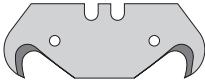
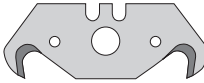
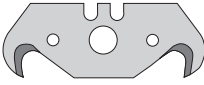
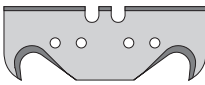
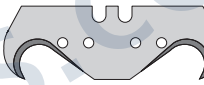
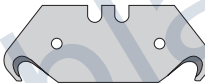
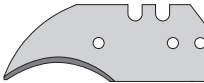
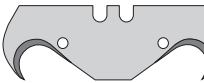
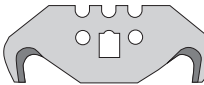


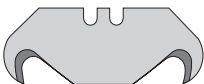

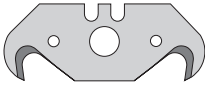
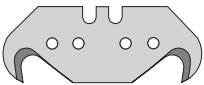


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	50.7	18.7	0.50		50.7	18.7	0.50		50.7	18.7	0.50
1250.0500				1251.0500				1267.0500			
1250.0650	50.7	18.7	0.65	1251.0650	50.7	18.5	0.65	1267.0650	55.0	18.7	0.65
	50.7	18.7	0.50		50.7	18.8	0.65		55.0	18.7	0.65
1260.0500				1270.0650				1280.0650			
1260.0650	50.7	18.7	0.65		51.0	18.8	0.65		58.9	18.7	0.65
	55.0	18.7	0.65	1291.0650	51.0	18.7	0.65		53.5	19.1	0.65
1281.0650				1299.0650	51.0	18.7	0.65	1340.0650	48.2	18.7	0.65
	50.4	18.7	0.65		48.5	11.3	0.65		48.2	18.7	0.65
1288.0650				1365.0650				1360.0650			
	49.7	18.7	0.65		48.2	18.7	0.65				
1320.0650				1362.0650							
	48.2	18.7	0.65								
1361.0650											

AND THIS IS HOW YOU CAN BENEFIT FROM CIRCULAR BLADES AND CUTTERS BY LUTZ BLADES

- » Cleanly cut edge with no edge build-up
- » Less cutting dust
- » High cutting speeds
- » Greater productivity thanks to fewer blade changes

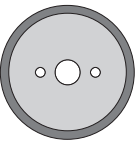
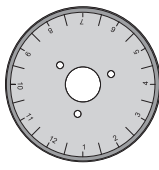
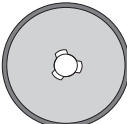
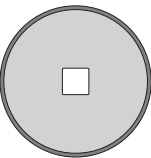
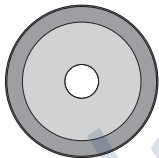
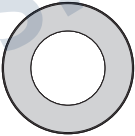


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Ref.	OD (mm)	ID (mm)	Thickn. (mm)	Ref.	OD (mm)	ID (mm)	Thickn. (mm)	Ref.	OD (mm)	ID (mm)	Thickn. (mm)
	30.0	5.0	0.30		44.0	10.0	0.30		28.0	5.0	0.30
0104.0300				0159.0300				0106.0300			
	40.0	7.0	0.30		45.0	10.0	0.50		30.0	17.0	0.10
0108.0300 0114.0300				0119.0500				0120.0100			

BLADES AND KNIVES BY LUTZ BLADES FOR FLOORING SPECIALISTS, PAINTERS AND DECORATORS

LUTZ BLADES is among the world leaders in blades for the trades. Our know-how is based on the requirements of professional tradespeople and the needs of the tool wholesalers and retailers. Whether it is a product range for flooring specialists, painters

or decorators, our blades and knives have been successfully listed for many years either under the LUTZ BLADES brandname or a number of other respected own brands.



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Ref.	Length (mm)	Width (mm)	Thickn. (mm)
0400.0060	43.0	22.2	0.06
0400.0080			0.08
0400.0100			0.10
0400.0130			0.13
0400.0150			0.15
0400.0200			0.20
0400.0300			0.30
0400.0400			0.40
0400.0650			0.65
0308.0228	39.8	19.5	0.23
0300.0250	40.0	19.9	0.25
4020.0400	101.8	13.9	0.40
4021.0500		17.6	0.50
4050.0914	127.0	18.8	0.91
0851.0200	150.0	22.2	0.20

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
0410.0060	43.0	22.2	0.06
0410.0080			0.08
0410.0100			0.10
0410.0130			0.13
0410.0150			0.15
0410.0200			0.20
0410.0300			0.30
0410.0400			0.40
0410.0650			0.65
0501.0100	38.0		0.10
0501.0150			0.15
0501.0200			0.20
0501.0300			0.30
0501.0400			0.40
9600.2850	37.2	31.5	2.85
0810.0200	80.0	22.2	0.20
0812.0200	100.0		0.20

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
0600.0100	60.0	22.2	0.10
0600.0130			0.13
0600.0150			0.15
0600.0200			0.20
0600.0300			0.30
0710.0400	57.7	18.8	0.40
0705.0400	57.7	18.8	0.40
0915.0300	39.0	18.3	0.30
6380.1000	22.8	21.8	1.00
4030.0400	99.8	14.0	0.40

FEATURES OF LUTZ BLADES

- » Rapid prototyping
- » In-house tool & die shop
- » Flexible manufacturing technologies
- » Broad range of materials
- » Hard and frictionless coatings designed to match the specific application


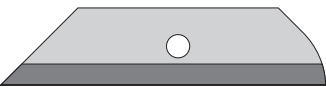
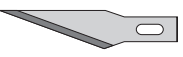


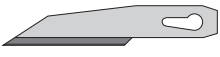
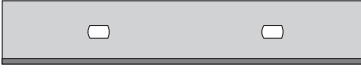

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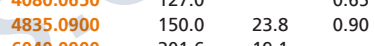
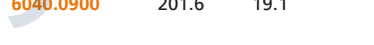
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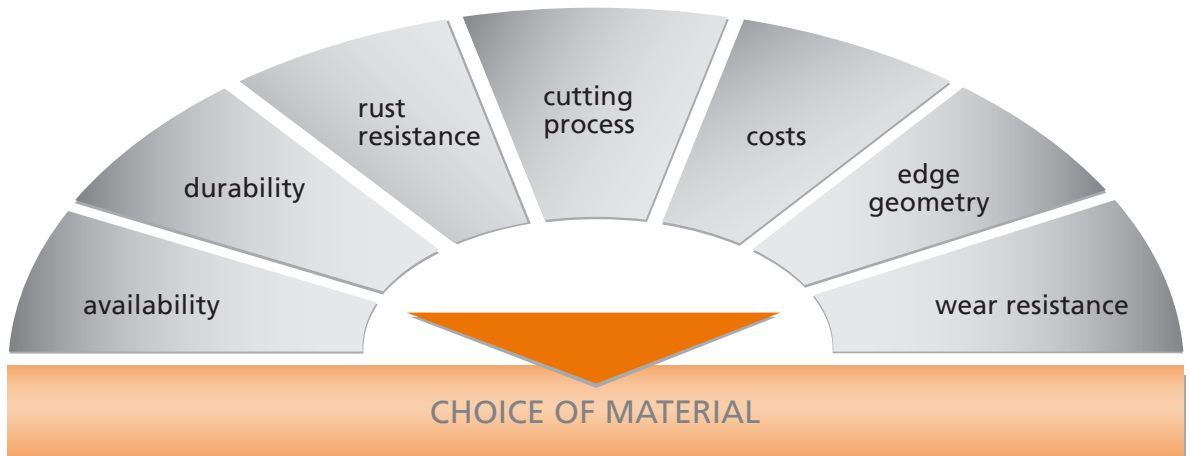
Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 6390.0500	36.0	5.5	0.50
 1102.1400	84.0	20.0	1.40
 8000.0500	40.2	5.9	0.50

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 7252.0650	59.4	11.1	0.65
 4830.0500	101.0	17.5	0.50
 4810.0400	99.8	14.0	0.40

Ref.	Length (mm)	Width (mm)	Thickn. (mm)
 7251.0650	57.0	11.1	0.65
 4055.1100	126.0	18.8	1.10
 4080.0650	127.0		0.65
 4835.0900	150.0	23.8	0.90
 6040.0900	201.6	19.1	

CHOICE OF MATERIAL

Our range of products covers blades of between 0.06 and 3.0 mm in thickness 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 carbides
 - » Ceramics

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CUTTING EDGE SHAPES

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



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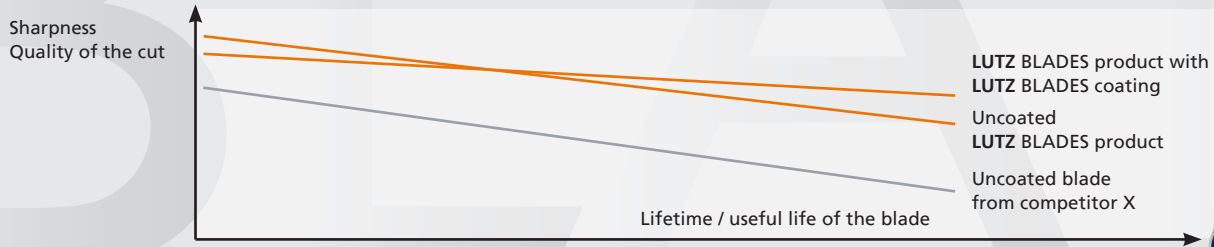
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		single edged	double edged	convex	concave
two sided		f	l	s	y
		e	k	r	x
		d	j	p	w
		c	i	o	v
		b	h	n	u
		a	g	m	t
one sided		g	h	n	u
		h	i	o	v
		i	j	p	w
		j	k	r	x
		k	l	s	y
		l	m	t	
		m	n	u	
		n	o	v	
		o	p	w	
		p	q	r	
		q	r	s	
		r	s	t	
		s	t	u	
		t	u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

COATINGS



The LUTZ BLADES 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. 0.4 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.

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