

BLADES FOR THE SPECIALIST TOOL TRADE





PRECISION AND SHARPNESS – FOR YOUR SUCCESS!

Whether “razor-sharp” for the finest cuts or “extremely stable” for impact and pressure cuts: for more than 100 years, precision has been the philosophy of our company – in everything we think, produce and and deliver to our customers. Precision guides us from the idea the finished product to the optimum solution for every cutting cutting task. This is the only way we can meet the demands that our customers place on us. In every development and production step – blade by blade. To achieve this, we are committed to high quality, precision

to high quality, precision and sharpness in our work. We define all relevant parameters together with our customers parameters that are necessary to fulfill the individual requirements requirements – for greater sharpness and service life. In doing so always see ourselves as a partner to our customers and not only focus on current but also on future customer future customer requirements.

We want our customers to be successful, because their success is our success.

FROM SOLINGEN TO THE WHOLE WORLD

More than 100 years ago, the history of the company LUTZ began in Solingen. Founded as a contract grinding shop for razor blades, the family business developed over

three generations to become an international and globally active manufacturer of industrial blades for a wide variety of applications applications in numerous industries.

1922	3	>400	23.000	>1.500	>500
Foundation of LUTZ BLADES	Generations of Family business	Motivated employees	Production area in m ²	Standard blades in the range	Special blades in the range

IN USE EVERYWHERE

Blades from LUTZ BLADES are used in a wide range of applications – from food production and various industrial sectors to medical and laboratory applications, as well as the tool trade. Renowned companies rely on our expertise, precision, and the reliability of our blades. No matter the purpose for which you need a blade from LUTZ BLADES, you can rest assured that we will provide you with a product that meets your exact requirements.



OUR CERTIFICATES



ISO 13485:2016



DIN EN ISO 50001:2018



DIN EN ISO 9001:2015



PRECISION BLADES FOR THE SPECIALIST TOOL TRADE

LUTZ BLADES offers a comprehensive range of blades for various trades, including floor installers, drywall installers, painters and finishers, and roofers. Our blades stand out for

their outstanding quality, precise cutting performance, and long service life – designed to meet the specific needs of specialist retailers and professional tradespeople.



RELIABLE BLADES FOR FLOOR INSTALLERS – PRECISION FOR PERFECT RESULTS

LUTZ BLADES supplies hook blades, trapezoid blades, and half-moon crescent blades that are ideal for cutting carpet, linoleum, PVC, and cork flooring, as well as laminate and pre-finished parquet. Our blades are compatible with standard handles and guarantee exceptional sharpness and extended service life. Even when working with woven materials and jute-backed flooring, you'll achieve precise, clean cuts. Thanks to our smart packaging systems, handling is particularly quick and easy.



RELIABLE BLADES FOR DRYWALL INSTALLERS – EFFICIENCY FOR A WIDE RANGE OF APPLICATIONS

For drywall construction, LUTZ BLADES offers high-quality snap-off blades that are ideal for the precise cutting of wood, plastics, insulation materials, and other substrates. Our blades are razor-sharp, durable, and versatile, making them an indispensable tool for drywall installers. With their ease of use and our efficient packaging solutions, we support both professional tradespeople and tool retailers alike.



RELIABLE BLADES FOR PAINTERS AND FINISHERS – VERSATILITY FOR DEMANDING APPLICATIONS

LUTZ BLADES offers snap-off blades specifically designed for painters and finishers. These blades enable precise cutting of masking tape, plastic sheeting, and other materials needed for masking and surface preparation. Our blades are distinguished by their exceptional sharpness, long service life, and ease of use – ensuring maximum efficiency and quality in every application.



RELIABLE BLADES FOR ROOFERS – DURABILITY FOR DEMANDING MATERIALS

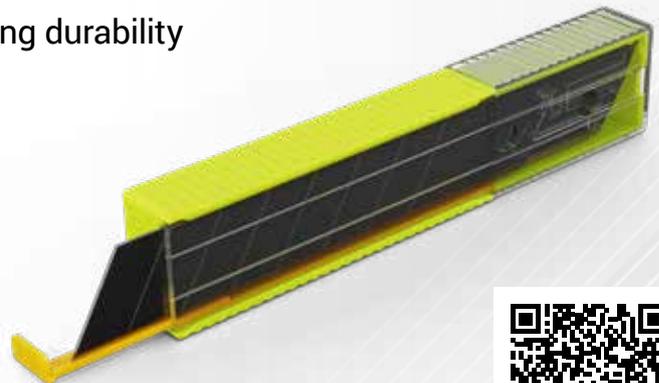
LUTZ BLADES supplies hook blades and half-moon crescent blades that have been specially developed to meet the requirements of roofers. These blades cut cleanly through roofing felt, roof tiles, roofing sealants, sheet metal, and wood. Thanks to their special coating and exceptional sharpness, they maintain consistent cutting performance over an extended period. With our secure packaging and transport systems, we offer additional benefits to roofers and tool retailers.

HIGH PERFORMANCE

Maximum sharpness meets uncompromising durability

Thanks to a unique combination of carefully selected materials, proven titanium (TiN) coatings on the cutting edge, and a specially developed grinding angle, a precise cutting tool is created – specifically designed for maximum sharpness and long service life.

The black high-performance blades with a gold-colored titanium nitride coating on the cutting edge are specially manufactured as snap-off, hook, and trapezoid blades and are available in neon-colored dispensers.



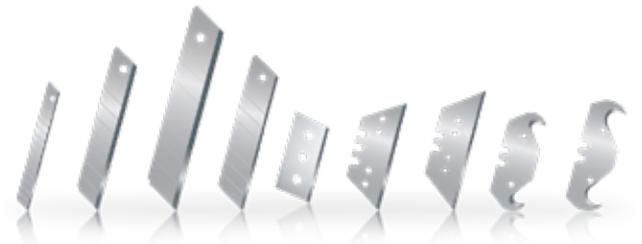
LUTZ MULTISHARP® – THE BLACK BLADE
THE SOLUTION FOR PRECISE, CLEAN CUTS

LUTZ MULTISHARP® – the black blade by LUTZ BLADES combines a perfect interplay of properties that make everyday tasks easier: a unique combination of materials and a specially defined grinding angle results in a precision cutting tool engineered for maximum sharpness – for your benefit, for your success.



LUTZ EXPERIENCE® – THE UNIVERSAL BLADE
THE RELIABLE SOLUTION FOR ALL CUTTING TASKS

LUTZ EXPERIENCE® – the universal blade by LUTZ BLADES combines a perfect interplay of properties that make everyday life easier: a unique combination of special blade steel and decades of experience in blade manufacturing results in a precise, universal tool that is specifically designed for maximum versatility.



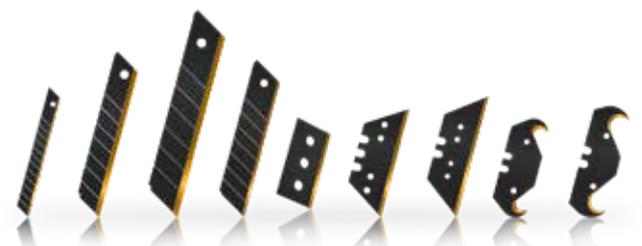
LUTZ LONGLIFE® – THE HARD BLADE
THE SOLUTION FOR LONG-TERM CUTTING APPLICATIONS

LUTZ LONGLIFE® – the hard blade by LUTZ BLADES combines a perfect interplay of properties that make everyday tasks easier: a unique combination of special blade steel and the proven titanium hardening of the cutting edge results in a precise cutting tool that has been specifically designed for a long service life.

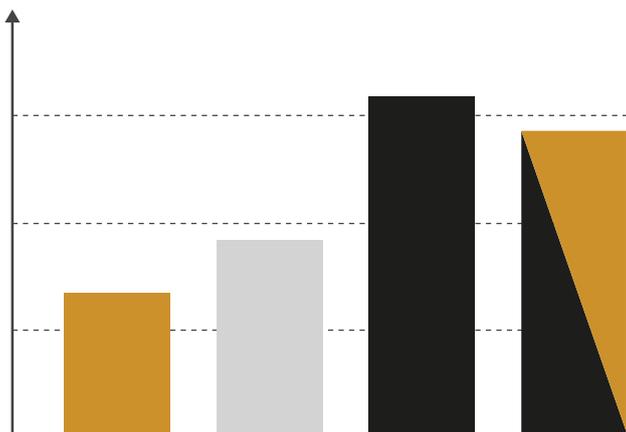


HIGH PERFORMANCE – THE HIGH-PERFORMANCE BLADE
FOR DEMANDING USERS

HIGH PERFORMANCE – the high-performance blade by LUTZ BLADES combines the special properties of the LONGLIFE and MULTISHARP blades: a unique combination of carefully selected materials, the proven titanium hardening of the cutting edge, and a special grinding angle results in an exceptional cutting tool that has been specifically designed for extra sharpness and durability.



THE SHARPNESS OF OUR BLADE QUARTET



- LUTZ MULTISHARP®
- LUTZ EXPERIENCE®
- LUTZ LONGLIFE®
- LUTZ PERFORMANCE

BLADES FOR THE **SPECIALIST TOOL TRADE**

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
TRAPEZOID BLADES							
	Trapezoid blade black-1149	Trapezoidal blade	without	61,00	18,70		carbon steel, stainless steell
	Trapezoid blade black-1001	Trapezoidal blade	TiN	52,00	18,70		carbon steel
	Trapezoid blade black1001	Trapezoidal blade	without	52,00	18,70		carbon steel
	Trapezoid blade black-0999	Trapezoidal blade	TiN	52,00	18,70	0,40 0,50 0,65	carbon steel
	Trapezoid blade black-0999	Trapezoidal blade	without	52,00	18,70	0,40 0,50 0,65	carbon steel
	Trapezoid blade-1000	Trapezoidal blade	TiN	52,00	18,70	0,50	carbon steel
	Trapezoid blade-1000	Trapezoidal blade	without	52,00	18,70	0,50	carbon steel
	Trapezoid blade-1010	Trapezoidal blade	TiN	52,00	18,70	0,65	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Trapezoid blade-1010	Trapezoidal blade	without	52,00	18,70	0,50	carbon steel
	Trapezoid blade-1020	Trapezoidal blade	TiN	61,00	18,70	0,65	carbon steel
	Trapezoid blade-1020	Trapezoidal blade	without	61,00	18,70	0,65	carbon steel
	Trapezoid blade-1040	Trapezoidal blade	TiN	61,00	18,70	0,65	carbon steel, stainless steel
	Trapezoid blade-1040	Trapezoidal blade	without	61,00	18,70	0,65	carbon steel, stainless steel

HOOK BLADES

	Hook blade black-1315	Hook blade	without	50,70	18,70	0,65	carbon steel
	Hook blade black-1296	Hook blade	TiAlN, without	55,00	18,70	0,65	carbon steel
	Hook blade black-1296	Hook blade	TiAlN, TiN	55,00	18,70	0,65	carbon steel
	Half-moon crescent blade-1300	Hook blade	TiN	58,90	18,70	0,65	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Half-moon crescent blade-1300	Hook blade	without	58,90	18,70	0,65	carbon steel
	Hook blade-1281	Hook blade	TiN	55,00	18,70	0,65	carbon steel
	Hook blade-1281	Hook blade	without	55,00	18,70	0,65	carbon steel
	Hook blade-1365	Hook blade	TiN	48,50	11,30	0,65	carbon steel
	Hook blade-1365	Hook blade	without	48,50	11,30	0,65	carbon steel
	Snap-off hook blade-2051	Hook blade	TiN	104,50	17,70	0,50	carbon steel
	Snap-off hook blade-2051	Hook blade	without	104,50	17,70	0,50	carbon steel
	Hook blade-1291	Hook blade	without, TiN, TiAlN,	51,00	18,80	0,65	carbon steel
	Hook blade-1251	Hook blade	without, TiN, TiAlN,	50,70	18,70	0,65	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
SLOTTED HOLE BLADES							
	Foil blade-0710	Slotted hole blade	TiN	57,00	18,80	0,40	stainless steel
	Foil blade-0710	Slotted hole blade	without, TiAlN, DLC	57,00	18,80	0,40	carbon steel, stainless steel
POINTED BLADES							
	Deburring blade-6390	Pointed blades	without	36,00	5,50	0,50	carbon steel, stainless steel
RECTANGULAR BLADES							
	Styrofoam blade-1083	Rectangular blade	without	180,00	18,80		carbon steel
	Styrofoam blade-1081	Rectangular blade	without	140,00	18,80		carbon steel
	Styrofoam blade-1080	Rectangular blade	without	160,00	18,80		carbon steel
	Snap-off blade black-2057	Rectangular blade	TiN	100,00	17,70	0,50, 0,65	carbon steel
	Snap-off blade black-2057	Rectangular blade	without	100,00	17,70	0,50, 0,65	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Snap-off blade black-2076	Rectangular blade	TiN	100,00	17,70	0,50	carbon steel
	Snap-off blade black-2076	Rectangular blade	without	100,00	17,70	0,50	carbon steel
	Snap-off blade black-1728	Rectangular blade	TiN	80,00	9,10	0,40	carbon steel
	Snap-off blade black-1728	Rectangular blade	without	80,00	9,10	0,40	carbon steel
	Snap-off blade-2000	Rectangular blade	TiAlN	142,00	25,00	0,70	carbon steel
	Snap-off blade-2013	Rectangular blade	TiN	142,00	25,00	0,70	carbon steel
	Snap-off blade-2013	Rectangular blade	without	142,00	25,00	0,70	carbon steel
	Snap-off blade-2011	Rectangular blade	TiN	100,00	17,70	0.50, 0.65	carbon steel, stainless steel
	Snap-off blade-2011	Rectangular blade	without	100,00	17,70	0.50, 0.65	carbon steel, stainless steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Snap-off blade-2000	Rectangular blade	TiN	100,00	17,70	0,50	carbon steel, stainless steell
	Snap-off blade-2000	Rectangular blade	without	100,00	17,70	0,50	carbon steel, stainless steell
	Snap-off blade-1720	Rectangular blade	TiN	90,40	9,10	0,40	carbon steel, stainless steell
	Snap-off blade-1720	Rectangular blade	without	90,40	9,10	0,40	carbon steel, stainless steell
	Snap-off blade-1714	Rectangular blade	TiN	96,00	12,00	0,50	carbon steel
	Snap-off blade-1714	Rectangular blade	without	96,00	12,00	0,50	carbon steel
	Snap-off blade-1705	Rectangular blade	TiN	80,00	9,10	0,40	carbon steel, stainless steell
	Snap-off blade-1705	Rectangular blade	without	80,00	9,10	0,40	carbon steel, stainless steell
	Snap-off blade-1700	Rectangular blade	TiN	80,00	9,10	0,40	carbon steel, stainless steell

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Snap-off blade-1700	Rectangular blade	without	80,00	9,10	0,40	carbon steel, stainless steell
	Snap-off blade-1500	Rectangular blade	TiN	90,00	8,90	0,40	carbon steel
	Snap-off blade-1500	Rectangular blade	without	90,00	8,90	0,40	carbon steel

THE CONVENIENT **ENTSORGE-SICHER-KLINGENBOX**



With the Entsorge-sicher-Klingenbox, you have the solution for the easy collection and safe disposal of used blades and blade segments.

Your Benefits

- Resealable box for the safe collection of blades and blade segments
- The locking mechanism on the full blade box ensures safe disposal

DISPENSER AND **PACKAGING SYSTEMS**

LUTZ blades are high-precision cutting tools that place special demands on transport and handling throughout the entire supply chain – from the manufacturer to specialist retailers and through to the end user. For this reason, LUTZ BLADES has developed a variety of dispenser and packaging systems that reliably fulfill several key functions. Since we develop and manufacture our dispenser systems in-house, we are able to respond flexibly and spe-

cifically to individual customer requirements. All systems are optimally matched to the respective blade types and applications.

In addition, we offer a wide range of other standard packaging options – including soft plastic pouches, small cardboard packaging, poly bags, and more.

PROTECTIVE FUNCTION

Protection of sharp blades from damage and protection of the user from injury

STORAGE

Space-saving and organized storage of multiple blades

HANDLING

Easy and safe removal of individual blades without direct contact with the cutting edge

TRANSPORT

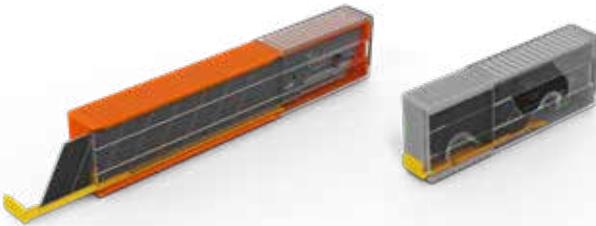
Safe transport without damage to the blades or risk of injury

THE DISPENSER RANGE FOR THE TOOL TRADE



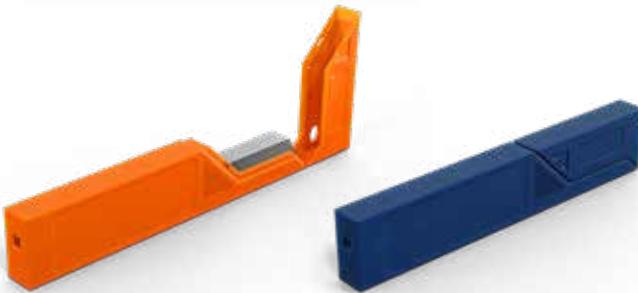
LUTZ PACK (LP)

The LUTZ PACK safety dispenser enables the controlled and safe removal of individual industrial blades. After removing the safety seal on the short side, the integrated sliding tray is released, allowing each blade to be extended precisely and easily. Thanks to its robust spring mechanism, the LUTZ PACK ensures reliable dispensing while preventing unintentional removal. The dispensers are available in seven sizes and various colors. Suitable for snap-off, hook, and trapezoid blades.



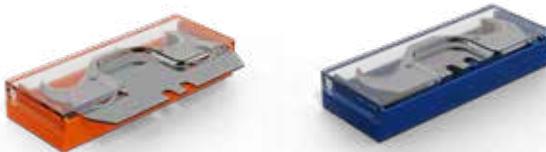
FLIP BOX (FB)

The FLIP BOX is a reliable safety dispenser with a manual sliding mechanism that enables the controlled removal of individual blades. Thanks to the smooth-operating sliding mechanism, blades can be removed safely, cleanly, and efficiently, making it ideal for professional use. The FLIP BOX is available in three sizes, matched to the respective blade shape, as well as in various colors. Suitable for snap-off, hook, and trapezoid blades.



KLAPP BOX (KB)

The KLAPP BOX is a quick and easy-to-use storage box for blades. It can be opened easily, allowing blades to be removed safely and conveniently. KLAPP BOXES are available in two sizes and various colors. Suitable for snap-off blades.



PULL BOX (PB)

The PULL BOX is a space-saving dispenser with an integrated spring mechanism. This ensures that the blades are optimally positioned in front of the dispensing slot and can be removed safely and easily. The PULL BOX is available in one size and can be equipped with different inner pins to match the respective blade shape. It is also available in various colors. Suitable for hook and trapezoid blades.



SICHERHEIT CONTAINER (SC)

The robust SICHERHEIT CONTAINER, also known as the 50-pack dispenser, was developed for the safe removal of individual blades in the tool trade. Integrated coil springs ensure that the blades are reliably positioned at the dispensing flap and can be easily removed at any time. This dispenser model is available in two sizes and various colors. Color-coordinated Euro-hole hangers can be attached as an option. Suitable for snap-off, hook, and trapezoid blades.

OUR VERSATILE COATING PROGRAM

TiN (Titan-Nitrid)

A standard hard material with high wear resistance and a relatively high coefficient of friction (against the reference material steel: approx. 0.4 to 0.7). Typically gold-colored. Safe application range: up to approx. 300 °C.

CrN (Chrom-Nitrid)

A hard, corrosion-resistant, and thermally stable PVD coating characterized by low friction coefficients and excellent non-stick properties. It has a low friction coefficient (approx. 0.57 compared to steel). Approved for food processing.

TiCN (Titanium Carbon Nitride)

An intermediate coating material combining the high wear resistance of TiN with the low coefficient of friction of TiC. The properties vary depending on the C/N ratio. Typically anthracite in color.

TiAlN (Titanium Aluminium Nitride)

Provides greater oxidation resistance than TiN, with a comparable coefficient of friction. Typically anthracite blue in appearance.

DLC (Diamond-Like Carbon)

Features high wear resistance with a low coefficient of friction (approx. 0.1 against the reference material steel). Susceptible to impact loads and high temperatures (between 100 and 300 °C, depending on the structure).

Blueing / Blackening („lusionieren“)

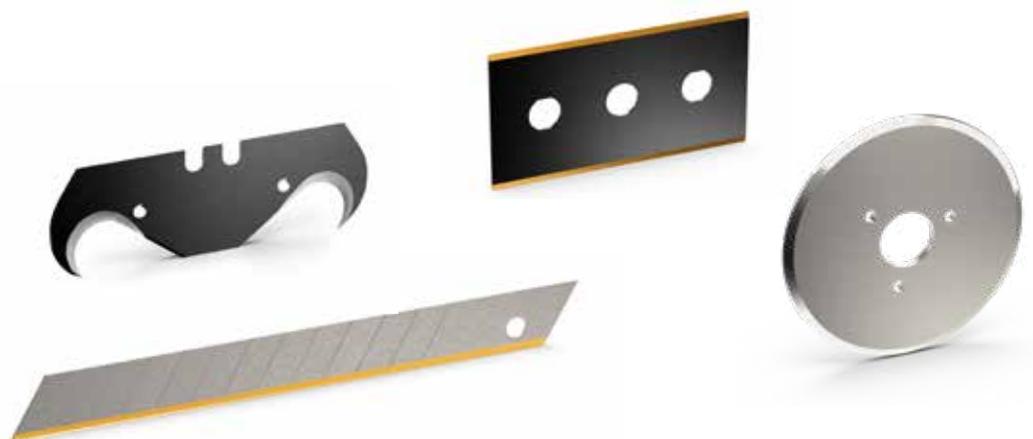
A full-surface treatment that provides light corrosion and starch protection. Also serves as a distinguishing aid.

PTFE (Polytetrafluoroethylene) – Teflon®

A non-stick Teflon® coating (PTFE) that ensures practically no foreign bodies adhere to the cutting edge due to its extremely low surface tension. Resistant to acids and alkalis. Significantly reduces frictional resistance. Very low static friction allows for smooth, jerk-free cutting, making it ideal for medical applications. Has low wear resistance and is unsuitable for contact with sodium or temperatures above 250 °C.

Color Varnish

Applied over the entire surface. Serves as a sorting aid for different material thicknesses and provides corrosion protection.



THE GREAT SELECTION OF MATERIALS

Our product portfolio offers blades with thicknesses ranging from 0.06 to 3.0 mm and final hardnesses between 40 and 85 HRC.

Additionally, you benefit from a large selection of materials, including:

CARBON STEEL

STAINLESS STEEL

HSS

BIMETALL

AUSTENITE

TUNGSTEN CARBIDE

CERAMIC



ALWAYS IN TOP SHAPE: THE CUTTING SHAPES OF OUR BLADES

What does the blade that achieves the best results for your application look like? Does the cutting edge need to work one-sided or two-sided? Should it have one, two, or three facets? Does it need to be single-bladed or double-bladed? Concave or convex? Admittedly, that's a lot of questions.

But you can be certain that at LUTZ BLADES, you'll find exactly the right answer.

		1-sided			2-sided		
							
		Single-facet	Double-facet	Triple-facet	Single-facet	Double-facet	Triple-facet
1-bladed		A	B	C	D	E	F
2-bladed		G	H	I	J	K	L
convex		M	N	O	P	R	S
concave		T	U	V	W	X	Y

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