

## BLADES FOR THE DIY MARKET





## 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 deliver to our customers. Precision guides us from the idea of the finished product to the optimum solution for every 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, preci-

sion to high quality and sharpness in our work. We define all relevant parameters together with our customers parameters that are necessary to fulfill the individual requirements – for greater sharpness and service life. We see ourselves as a partner for our customers and not only focus on current but also on 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 in numerous industries.

**1922**

Foundation of  
LUTZ BLADES

**3**

Generations of  
Family business

**>400**

Motivated  
employees

**23,000**

Production area  
in m<sup>2</sup>

**>1,500**

Standard blades in  
our assortment

**>500**

Special blades in  
our assortment

# 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**





## RELIABLE BLADES FOR **DIY ENTHUSIASTS**

When it comes to replacement blades for DIY enthusiasts, LUTZ BLADES is one of Europe's leading manufacturers. This is because, right from the start, we have focused on two key aspects: firstly, the needs of the DIY enthusiast, and secondly, the requirements of the tool wholesaler.

With our wide range of different blades, including hook blades, trapezoid blades, snap-off blades and half-moon crescent blades, you are optimally equipped for fitting utility knives, carpet knives, roofing knives, and polystyrene knives. Our blades and knives have been successfully sold in shops for years as LUTZ BLADES or under other well-known own-

brand names. This enables DIY enthusiasts to cut a wide range of materials, including wallpaper, plasterboard, plastics, carpet, vinyl, insulation materials, fleece, rubber and paper, depending on the specific DIY project they are working on.

With LUTZ BLADES, you benefit from a high-quality cut, even when working with materials with unusual properties. You benefit from specific cutting characteristics, as our blades are designed to be particularly sharp, particularly hard, or highly durable, depending on the application. In addition, we offer easy and efficient handling thanks to our self-service-compatible packaging.

# HIGH PERFORMANCE

## Maximum sharpness meets uncompromising durability

Thanks to a unique combination of carefully selected materials, the tried-and-tested titanium (TiN) coating on the cutting edge and a specially developed cutting angle, the result is an exceptional cutting tool – specifically designed for maximum sharpness and a long service life.

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



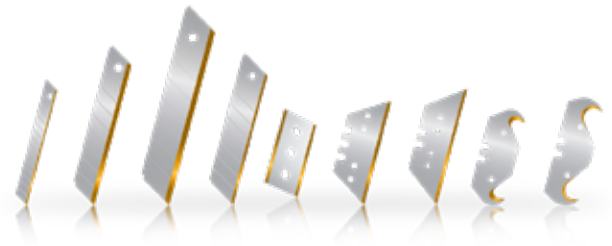
**LUTZ EXPERIENCE® – THE UNIVERSAL BLADE**  
**THE RELIABLE SOLUTION FOR ALL CUTTING TASKS**

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.



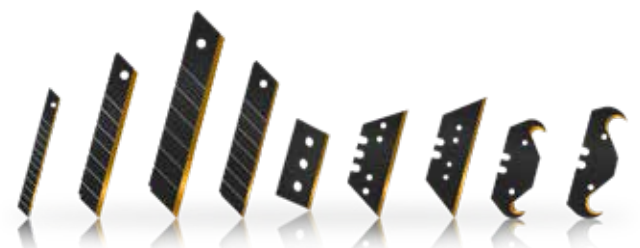
**LUTZ LONGLIFE® – THE HARD BLADE**  
**THE SOLUTION FOR LONG-TERM CUTTING APPLICATIONS**

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.

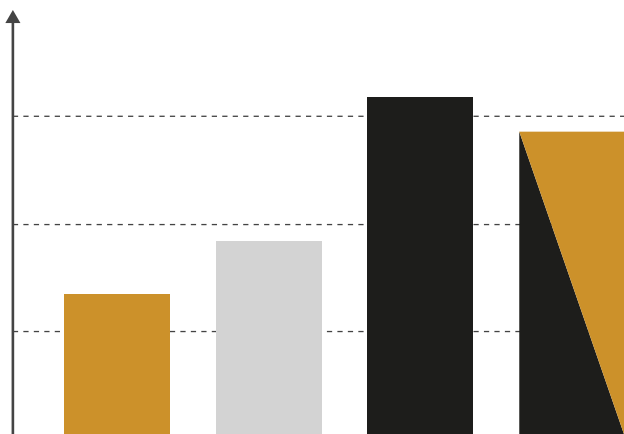


**HIGH PERFORMANCE – THE HIGH-PERFORMANCE BLADE**  
**FOR DEMANDING USERS**

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








# PRODUCT RANGE EXCERPT: DIY BLADES FROM LUTZ BLADES

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
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 hook blade black-2057	Snap-off hook blade	TiN	100.00	17.70	0.50, 0.65	carbon steel
	Snap-off hook blade black-2057	Snap-off hook blade	without	100.00	17.70	0.50, 0.65	carbon steel
	Snap-off hook blade black-2076	Rectangular blade	TiN	100.00	17.70	0.50	carbon steel
	Snap-off hook blade black-2076	Rectangular blade	without	100.00	17.70	0.50	carbon steel
	Snap-off hook blade black-1728	Snap-off hook blade	TiN	80.00	9.10	0.40	carbon steel
	Snap-off hook blade black-1728	Snap-off hook blade	without	80.00	9.10	0.40	carbon steel
	Snap-off hook blade-2000	Snap-off hook blade	TiAlN	142.00	25.00	0.70	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Snap-off hook blade-2013	Snap-off hook blade	TiN	142.00	25.00	0.70	carbon steel
	Snap-off hook blade-2013	Snap-off hook blade	without	142.00	25.00	0.70	carbon steel
	Snap-off hook blade-2011	Snap-off hook blade	TiN	100.00	17.70	0.50, 0.65	carbon steel, stainless steel
	Snap-off hook blade-2011	Snap-off hook blade	without	100.00	17.70	0.50, 0.65	carbon steel, stainless steel
	Snap-off hook blade-2000	Rectangular blade	TiN	100.00	17.70	0.50	carbon steel, stainless steel
	Snap-off hook blade-2000	Rectangular blade	without	100.00	17.70	0.50	carbon steel, stainless steel
	Snap-off hook blade-1720	Rectangular blade	TiN	90.40	9.10	0.40	carbon steel, stainless steel
	Snap-off hook blade-1720	Snap-off hook blade	without	90.40	9.10	0.40	carbon steel, stainless steel
	Snap-off hook blade-1714	Rectangular blade	TiN	96.00	12.00	0.50	carbon steel
	Snap-off hook blade-1714	Rectangular blade	without	96.00	12.00	0.50	carbon steel
	Snap-off hook blade-1705	Rectangular blade	TiN	80.00	9.10	0.40	carbon steel, stainless steel
	Snap-off hook blade-1705	Rectangular blade	without	80.00	9.10	0.40	carbon steel, stainless steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Snap-off hook blade-1700	Snap-off hook blade	TiN	80.00	9.10	0.40	carbon steel, stainless steel
	Snap-off hook blade-1700	Snap-off hook blade	without	80.00	9.10	0.40	carbon steel, stainless steel
	Snap-off hook blade-1500	Snap-off hook blade	TiN	90.00	8.90	0.40	carbon steel
	Snap-off hook blade-1500	Snap-off hook blade	without	90.00	8.90	0.40	carbon steel
	Scraper blade-4810	Rectangular blade	without	99.80	14.00	0.40	carbon steel

#### TRAPEZOID BLADES

	Trapezoidal blade black-1149	Trapezoid blade	without	61.00	18.70		carbon steel, stainless steel
	Trapezoidal blade black-1001	Trapezoid blade	TiN	52.00	18.70		carbon steel
	Trapezklinge schwarz-1001	Trapezoid blade	without	52.00	18.70		carbon steel
	Trapezoidal blade black-0999	Trapezoid blade	TiN	52.00	18.70	0.40 0.50 0.65	carbon steel
	Trapezoidal blade black-0999	Trapezoid blade	without	52.00	18.70	0.40 0.50 0.65	carbon steel
	Trapezoidal blade-1000	Trapezoid blade	TiN	52.00	18.70	0.50	carbon steel
	Trapezoidal blade-1000	Trapezoid blade	without	52.00	18.70	0.50	carbon steel

	Article description	Blade shape	Coating	Length [mm]	Width [mm]	Thickness [mm]	Material
	Trapezoidal blade-1010	Trapezoid blade	TiN	52.00	18.70	0.65	carbon steel
	Trapezoidal blade-1010	Trapezoid blade	without	52.00	18.70	0.50	carbon steel
	Trapezoidal blade-1020	Trapezoid blade	TiN	61.00	18.70	0.65	carbon steel
	Trapezoidal blade-1020	Trapezoid blade	without	61.00	18.70	0.65	carbon steel
	Trapezoidal blade-1040	Trapezoid blade	TiN	61.00	18.70	0.65	carbon steel, stainless steel
	Trapezoidal blade-1040	Trapezoid blade	without	61.00	18.70	0.65	carbon steel, stainless steel
HOOK BLADES							
	Half-moon crescent blade-1300	Hook blade	TiN	58.90	18.70	0.65	carbon steel
	Half-moon crescent blade-1300	Hook blade	without	58.90	18.70	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

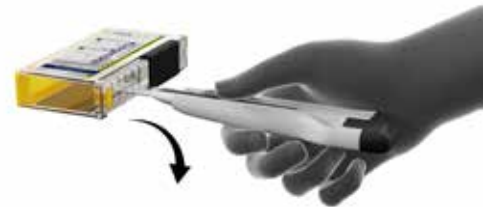
# THE CONVENIENT **ENTSORGE-SICHER-KLINGENBOX**



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**

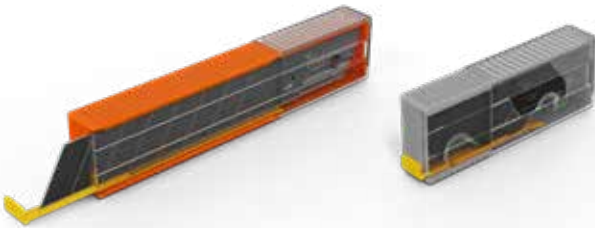
Safe transport without damage to the blades or risk of injury

# THE DISPENSER RANGE FOR THE TOOL TRADE



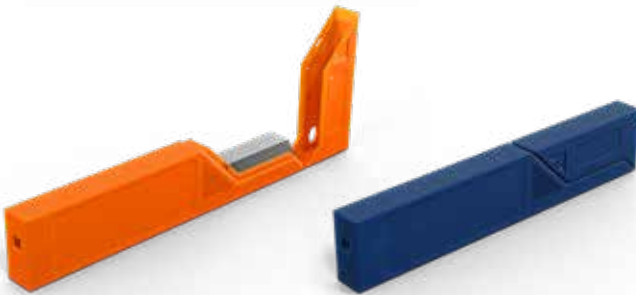
## LUTZ PACK (LP)

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.



# PRESENTED TO PERFECTION

At LUTZ BLADES, our commitment to quality and safety does not end with the finished blade. Over time, well-thought-out concepts for storage and transport have led to a wide range of dispenser solutions that are valued by our customers.

In addition, LUTZ BLADES has developed attractive, sales-promoting presentation solutions for tool retailers in DIY stores and specialist shops. Sets of 10 of our snap-off blades are packaged in the

LUTZ PACK (LP), the FLIP BOX (FP), the KLAPP BOX (KB) or the PULL BOX (PB) and attached to self-service cards with Euro holes. In addition, the SICHERHEIT CONTAINER (SC) is available with a 50-blade capacity and an additional Euro-hole plastic clip.

Both the design of the self-service cards and the colour scheme of the dispensers, including the Euro-hole plastic clips, can be customised to the customer's requirements.



## PRECISION THAT CUTS

### UTILITY KNIVES WITH LUTZ SNAP-OFF BLADES FOR PROFESSIONALS AND DIY ENTHUSIASTS

Whether on a building site, in the workshop or for DIY projects: a reliable utility knife is an essential tool for any tradesperson. Our high-quality utility knives with snap-off blades combine precision, durability and comfort.

The blade holders are available in the standard blade sizes of 9 mm and 18 mm, covering a wide range of applications – from precise fine cutting to heavy-duty cutting of cardboard, films, carpet, plasterboard or insulation materials. Various blade grades are available for maximum performance. The black high-performance blades from LUTZ BLADES are

particularly impressive thanks to their unbeatable sharpness and edge retention. In addition, hard coatings such as titanium nitride (TiN) provide significantly improved wear resistance and thus noticeably extend the service life of the blades – suitable for demanding users who rely on consistently precise cuts.

The ergonomically designed handle sits securely and comfortably in the hand, allowing for precise control even during prolonged use. At the same time, the straightforward blade change ensures that blunt segments can be replaced quickly – simply snap them off and carry on working.

A tool that is an essential in any workshop, household or hobby room – robust, precise and ready for use at any time.



# 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“)

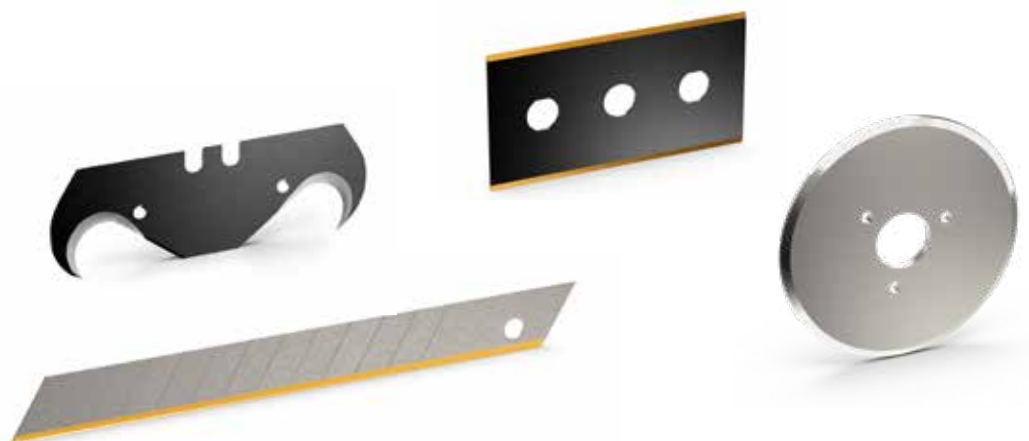
A full-surface treatment that provides light corrosion and starch protection. Also serves as a distinguishing aid.

## 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.



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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