



THE BACKGROUND

The origins of the IBEX pocket knife

On the same street in Solingen where we have been manufacturing our Windmühlen knives for more than 150 years, the Gerling company existed until 1987. It had been producing the *Okapi*, a pocket knife with a narrow pike-point blade and ratchet lock, here since 1902. It was primarily intended for export to Africa, where it became a real triumph and achieved worldwide fame. After the company went bankrupt, these knives continued to be produced in South Africa and the Far East, but were unable to match their earlier success.

Our IBEX is a fundamentally new development of this type of pocket knife: A simple, very capable folding knife for outdoor use, ground for high sharpness and at the same time for stability to meet the high, varying demands of outdoor activities. The shape of the blade of our IBEX is based on the Hadhramaut. Knives with this slightly pointed blade shape were manufactured by us as early as the 19th century for export to the ancient south of Arabia, Yemen.

The blade is locked by a so-called ratchet lock, an improved, safer form of the tenon back lock with a back spring and an additional ring for lifting. We still mount the original tenon lock on our Lierenaar pocket knife. This type of mechanism was already found in the 18th century in the historic knife-making places in Belgium – in Gembloux, Aarschot and Lier – where it was common on all kinds of folding pocket knives for a wide variety of applications. Unfortunately, there are no longer any knife manufacturers in these places today.

The Hadhramaut knives

The blade shape of the IBEX pays homage to our Hadhramaut knives, which have their origins in the Hadhramaut region in the north-east of Yemen. Historically, the Hadhramaut region was an important center for the cultivation and trade of incense. The inhabitants of this region maintained a long trading tradition and established a well-functioning network in India, East Africa and Malaysia, which was strengthened by family ties of emigrated Hadhramis. Towards the end of the 19th century, there was a lively trade in our knives in this region. The IBEX blades reflect the history and tradition of this fascinating region.

The name IBEX

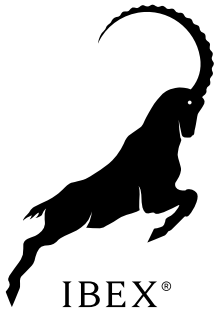
The Ibex combines many characteristics that are reflected in our pocket knife: Robustness, high performance in barren conditions, reliability and safety in difficult terrain. Our knife is reliable, always ready for use and easy to handle.



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IBEX - sharp, strong, straightforward.

With our IBEX we are introducing a fundamental new development of the ratchet lock pocket knife. Its blade contour is based on a historical shape that was specially made for the ancient south of Arabia, the Hadhramaut. The traditional and much improved ratchet lock holds the blade securely in position both open and closed. Developed and produced in the heart of Solingen-Ohligs by Windmühlenmesser.

The series currently comprises two sizes with different handles, plus accessories for sharpening and storage. The IBEX pocket knife is suitable for all outdoor activities and as a hunting and carving knife for skinning, gutting and filleting.

Two types of steel are available for the blades: Stainless 1.4116 CrMoV steel and non-stainless 1.2067 carbon steel. Whether you choose the stainless version or the classic carbon option, every IBEX knife will convince you with its performance and reliability.

The handles are made from high-quality woods: Plum, olive, black walnut, thermally treated beech and smoked oak. They give the knives a pleasant feel and a unique look.

A revived era at the Windmühlenmesser-Manufacture - IBEX pocket knives.



The blades

The quality of a knife is of crucial importance in the outdoor sector. As with all our knives, we attach great importance to the selection of high-quality steel grades, careful heat treatment and a resistant, extremely sharp grinding geometry to meet the high demands placed on the IBEX.

Stainless chrome-molybdenum-vanadium steel:

The stainless 1.4116 (X50CrMoV15) blades are characterized by their exceptional dimensional stability under high loads. With a carbon content of approx. 0.55% and a chromium content of approx. 15%, they not only guarantee toughness and resistance, but are also easy to sharpen. The blades have a hardness of approx. HRC 57. Thanks to their good corrosion resistance, the stainless steel blades are easy to care for.

Non-stainless carbon steel:

The non-stainless blades are made of 1.2067 (102Cr6) carbon steel with a carbon content of at least 0.95%. This enables us to achieve a hardness of approx. 58-59 HRC. This high hardness enables a particularly high basic sharpness and gives the knife excellent edge retention. Carbon steel is characterized by very simple and effective resharpening without great effort. This is a particular advantage when you are out and about. Carbon steel blades turn dark gray with use. An ideal choice for those looking for maximum precision and performance and who appreciate an individual patina on the blade.

Blade shape:

The blade of the IBEX is based on the old shape of the Hadhramaut, which our manufactory produced in the 19th century. It is reminiscent of the so-called Sheepfoot blade, but has a significantly slimmer tip. The back of the IBEX is straight and only slopes slightly towards the tip in the front area. This makes the blade very stable. The cutting edge runs in a slight curve, making it ideal for cutting and slicing.

Blade geometry and sharpening:

The blade of the IBEX has a stable blade geometry due to the convex cross section. The initial back thickness is 2.5 mm. After grinding and fine-glazing, the blade back tapers. The cutting edge receives a final honing that ensures robustness and high sharpness.

*Stainless steel blade (left).
Carbon steel blade with
dark working color (right).*





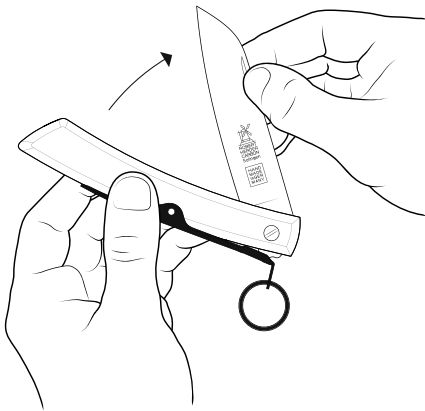
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Operation of the ratchet lock

The ratchet lock is a simple pocket knife mechanism that has been tried and tested thousands of times. With the IBEX, however, we have further improved it through our new technical design and the use of high-quality materials and precise workmanship: more robust, smoother-running and with a stopper when closed.

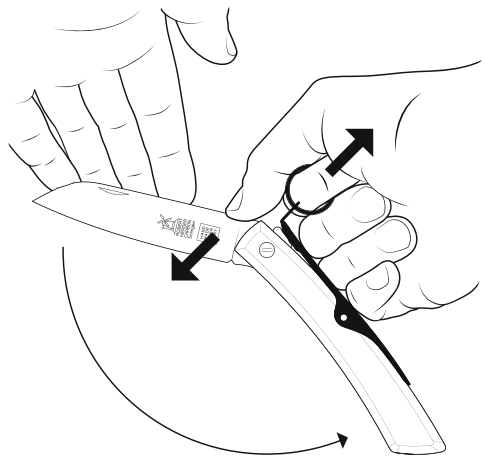
With the so-called nail nick, the notch in the front of the blade, the blade can be opened effortlessly with the thumb. The blade is turned until it engages in a straight position in the back spring. This ensures secure locking during use.

To close the knife, the spring is pulled away from the back of the blade by the ring until the blade is released from the lock and can be carefully closed. The toothed ratchet mechanism allows the knife to be closed in stages, preventing an accidentally snapping shut.



OPENING

Grasp blade with thumb and forefinger; if necessary, use your thumbnail in the nail nick. Rotate the blade until it locks firmly into the back spring and forms a straight extension of the handle.



CLOSING

Both hands above the knife! Insert your index finger through the ring and pull; Simultaneously press the back of the blade with your thumb until the lock is released. Rotate the blade until the cutting edge disappears into the handle and stops.



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The handles

The IBEX handles combine clear, striking lines with special, finely crafted and oiled woods. Functionality and naturalness combined.

Smoked oak

Smoked oak is a modified oak wood that turns dark brown to black when exposed to ammonia. This also makes it more elastic and weather-resistant. Smoked oak has a striking appearance and is a sustainable alternative to ebony wood.

Black walnut

The black walnut belongs to the walnut family. It is characterized by a straight, fine grain structure with dark and light areas and an even hardness. Originating from North America, it has long been native to Europe.

Plum

Our plum wood from old orchards is hard, durable and water-resistant. With its richly nuanced color grain from light brown to dark purple, it is a wood of exceptional character, beauty and high utility value.

Olive

Olive wood comes from Mediterranean countries. Its color ranges from bright yellow to orange to light brown, interspersed with dark, vivid veining. It is hard, very durable and water-resistant due to its natural oil content.

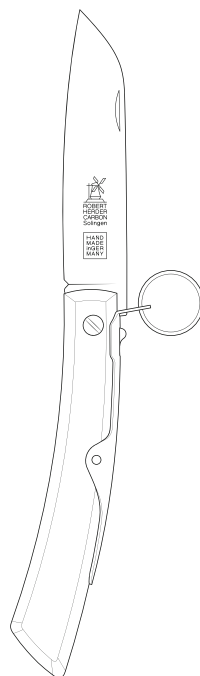
Thermally treated beech wood






Heating the wood in the absence of oxygen creates a modified beech wood. This artificial ageing process makes the wood weatherproof and resistant to microorganisms, fungi and insects. The handles are chocolate brown and have a characteristic, caramel-like smoky smell.



IBEX[®] 100

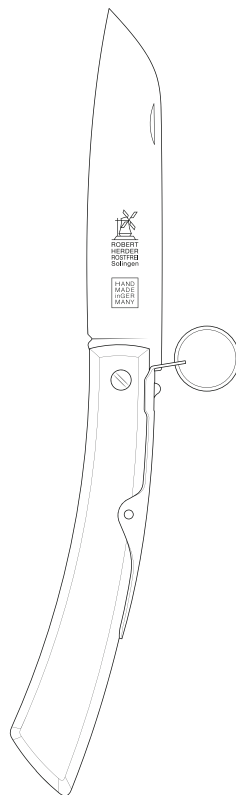
BLADE LENGTH:	100 mm
BLADE THICKNESS:	ca. 2,5 mm
BLADE MAT. STAINLESS:	1.4116 / X50CrMoV15, ca. 57 HRC
BLADE MAT. CARBON:	1.2067 / 102Cr6, ca. 58-59 HRC
HANDLE LENGTH:	140 mm
HANDLE THICKNESS:	14 mm
OVERALL LENGTH OPEN:	240 mm
WEIGHT:	60-70 g



	HANDLE	BLADE	ART. NO.
	Plum wood	Stainless	0178,100,04
		Carbon steel	0158,100,04
	Olive wood	Stainless	0178,100,05
		Carbon steel	0158,100,05
	Blacknut wood	Stainless	0178,100,17
		Carbon steel	0158,100,17
	Thermally treated beech wood	Stainless	0178,100,27
		Carbon steel	0158,100,27
	Smoked oak wood	Stainless	0178,100,29
		Carbon steel	0158,100,29

IBEX[®] 120

BLADE LENGTH:	120 mm
BLADE THICKNESS:	ca. 2,5 mm
BLADE MAT. STAINLESS:	1.4116 / X50CrMoV15, ca. 57 HRC
BLADE MAT. CARBON:	1.2067 / 102Cr6, ca. 58-59 HRC
HANDLE LENGTH:	170 mm
HANDLE THICKNESS:	14 mm
OVERALL LENGTH OPEN:	290 mm
WEIGHT:	85-100 g



HANDLE	BLADE	ART. NO.
Plum wood	Stainless	0178,120,04
	Carbon steel	0158,120,04
Olive wood	Stainless	0178,120,05
	Carbon steel	0158,120,05
Blacknut wood	Stainless	0178,120,17
	Carbon steel	0158,120,17
Thermally treated beech wood	Stainless	0178,120,27
	Carbon steel	0158,120,27
Smoked oak wood	Stainless	0178,120,29
	Carbon steel	0158,120,29



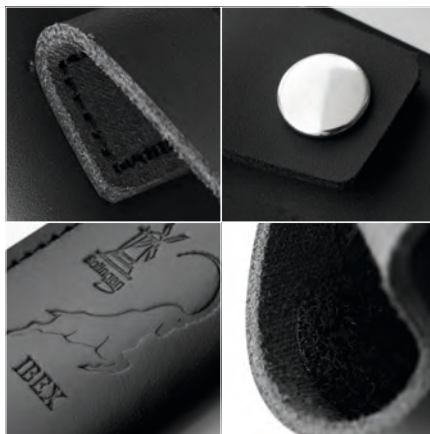
IBEX® ACCESSORIES

The leather sheath

Our IBEX leather sheaths combine robust protection and practical functionality. They are made from high-quality nubuck cowhide, have extra strong stitching and are fitted with a sturdy press stud.

The integrated belt loop enables secure attachment to the belt to have your knife always ready to hand when you need it.

The IBEX leather sheaths are available in classic brown or timeless black. Functional, handy and high quality.



SIZE

COLOR

ART. NO.

160 mm
IBEX 100

black

9551,185,d



160 mm
IBEX 100

brown

9551,013,g



180 mm
IBEX 120

black

9552,151,b



180 mm
IBEX 120

brown

9552,152,b

IBEX[®] ACCESSORIES

Handy sharpening on the go

Stone-Strop

The combination of whetstone and strop enables the blade to be sharpened and the sharpening burr to be smoothed off immediately afterwards. The stone is made of high-quality ceramic with a grit of approx. 3000# JIS for excellent sharpening. As with our strops, the leather on the back is made of cowhide nubuck leather (dark, approx. 20 microns). An ideal, universal combination for maintaining sharpness.

Honing strop

With a front side made of fine leather (light, approx. 10 microns) and a back side made of rougher leather (dark, approx. 20 microns), this strop is used for the final stropping of the burr after sharpening the blade. This process increases the sharpness many times over.

The almost 2 mm thick cowhide, mounted on copper beech wood, is of high quality and very durable. With a practical leather strap for hanging and a total length of 135 or 185 mm, we offer a portable, small and larger version. Whether you are on the go or simply want to keep your knife in top shape at home, these handy strops will provide the necessary finish.



TYPE / SIZE	MATERIAL	ART. NO.
Stone-Strop 135 x 30 x 18 mm	Copper beech wood, cowhide rough, ceramic stone 3000# JIS	0136,130,01s



Honing strop 135 x 30 x 9 mm	Copper beech wood, cowhide rough and fine	0132,130,01
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Honing strop 185 x 45 x 10 mm	Copper beech wood, cowhide rough and fine	0134,180,01
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Stone-Strop in hand.
Honing straps below.

IBEX[®] PACKAGING

The IBEX folding box

Like the IBEX, the folding box is simple and functional. It contains all the important information at a glance and is made of environmentally friendly brown cardboard. The two packaging sizes for the 100 mm and 120 mm sizes are available for both steel versions, carbon and stainless, as well as for all handle variants.

The IBEX display

Our specially designed IBEX displays offer a natural and attractive presentation option for the IBEX 100 and IBEX 120 - also made from brown cardboard.

Special features:

12 knives per display: each display contains 12 IBEX knives and the option to display one knife openly and introduce it to customers. If desired, the individual knife can be attached by using string or cable ties through existing holes.







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Windmühlenmesser®



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