

**BEDNAR**

# LONG LIFE

spare parts

Points, wings, tines, points



► **BETEK**

**BEDNAR**



**JOY** OF FARMING

## Long Life points for higher work performance



Long Life points  
and wings for Terraland  
TN, TN\_Profi and TO



TERRALAND TN, TN\_PROFI, TO  
D – KM060411      M – KM060410\*  
   KM060411\*\*

Point 70 mm (1 pcs)

\* to version DA  
\*\* from version DA



TERRALAND TN, TN\_PROF, TO

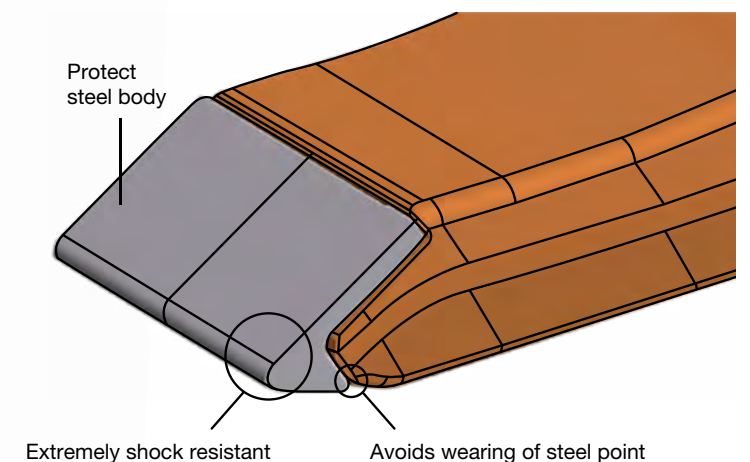
**KM060483**  
Wing (L)  
(1 pcs)

KM060484  
Wing (R)  
(1 pcs)



# THE SECRET

## of Long Life points



Do not lose time, choose Long Life!

BEDNAR is dedicated to the importance of high quality of the wearable parts. The cost of wearable parts plays an important role throughout the entire life of the soil processing machine.

Higher levels of resistance of tips, wings, tines and points significantly lowers not only the cost of wear on parts but also the time required for exchange of working units (points, wings, ...). New points, wings, tines and points Long Life significantly increase the lifetime of these parts and thus increase the effectiveness of the machines use.

With new Long Life working parts you will achieve quality, time and cost benefits:

- Significantly longer lifetime than traditional standard parts.
- Consistent working depth and equal quality of work.
- Improved penetration, lower traction power requirement due to the permanently sharp cutting edges.
- No need to adjust working width during the wear-out period.
- Time and cost savings due to fewer worn parts.
- Longer period of use during a season.
- Lower costs per hectare.
- Optimal utilisation of tractor power.
- Savings on storage space and transport costs.

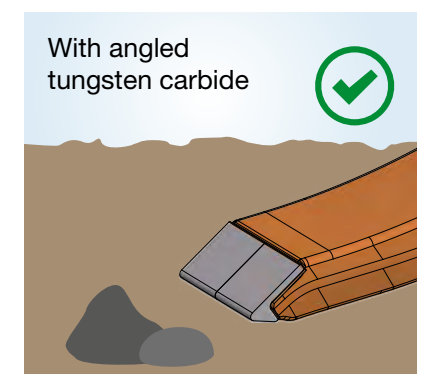
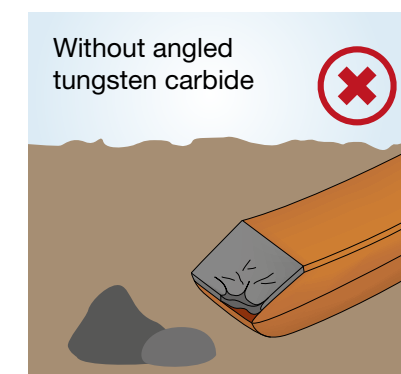


Long Life point after  
processing 700 ha  
of soil

TERRALAND TN, TN\_PROFI, TO

**KM060669**  
 Point 55 mm M  
 (1 pcs)

**KM060691**  
Point 55 mm D  
(1 pcs)





# Points Long Life 40 mm for Terraland TN, TN Profi and TO



# Points Zero-Mix Long Life



TERRALAND TN, TN\_PROFI, TO  
KM060340  
Point 40 mm  
(1 pcs)



TERRALAND TN,  
TN\_PROFI, TO  
KM060667  
Point 40 mm M  
(1 pcs)  
  
KM060690  
Point 40 mm D  
(1 pcs)



TERRALAND TN, TN\_PROFI, TO  
KM060695  
Point Zero-Mix 40 mm  
(1 pcs)



TERRALAND TN, TN\_PROFI, TO  
KM060739  
Cutting edge  
(1 pcs)

## NEW STANDARD POINTS



- Flat working angle
- Soil profile is undercut
- Soil is kept to upper layers
- Low traction resistance for the tractor

## WORN STANDARD POINTS



- Acute working angle
- Soil is pushed (soil is not undercut as by new points)
- Soil is no longer kept in upper layers
- Higher traction resistance
- Higher fuel consumption
- High levels of strain on the machine (frames, bearings etc.)
- Reduction of working speed

## LONG LIFE POINTS



- Permanently flat working angle
- Soil is undercut
- Soil is kept in upper layers
- Constant low traction resistance
- Reduction of fuel consumption
- Reduction of strain on the machine (frames, bearing etc.)
- Higher working performance



"I had a chance to test various points for the Terraland, including "Long Life". These points proved to be the best. They lasted 6 times longer than regular points. They are necessary for effective farming in the dry season. I recommend using them for their undisputable benefits, such as quality of soil profile processing and less time spent on maintenance."

Zdeněk Krones, Operator

Agrona Staré Město, a. s.  
Staré Město, Svitavy, Czech Republic | 3 000 ha

# Long Life points and wings for Terraland DO and Fenix FN, FO



# Points and shares LONG-LIFE for Versatill



FENIX FN, FO, TERRALAND DO  
until 2019 – KM060402  
since 2019 – KM060427  
Point 80 mm  
(1 pcs)



FENIX FN, FO,  
TERRALAND DO  
since 2019 – KM060446  
Point 40 mm  
(1 pcs)



VERSATIL VO\_PROFI  
KM060511  
Point 40 mm  
(1 pcs)



VERSATIL VN\_L  
KM060673  
Point 50 mm  
(1 pcs)



FENIX FN, FO, TERRALAND DO and including 2018		since 2019
KM060316	KM060447	
Wing (L)	Wing (L)	
185 mm (1 pcs)	185 mm (1 pcs)	
KM060317	KM060448	
Wing (R)	Wing (R)	
185 mm (1 pcs)	185 mm (1 pcs)	



VERSATIL VN\_L  
KM060665  
Share 200 mm  
(1 pcs)



VERSATIL VO\_PROFI  
KM060696  
Share  
(1 pcs)



“We have tried to fit the FENIX FO 8004 PROFI machine with original and non-original points. After processing 300 hectares, it turned out that the original BEDNAR 40 mm LONG LIFE points with carbide segments show significantly less wear compared to alternative replacements that also contain carbide. The original BEDNAR points have confirmed their high durability and longer service life compared to replacements (non-original parts).”

Gospodarstwo Rolne Maciej Sik  
800 ha  
Poland



# Long-Life shares and points



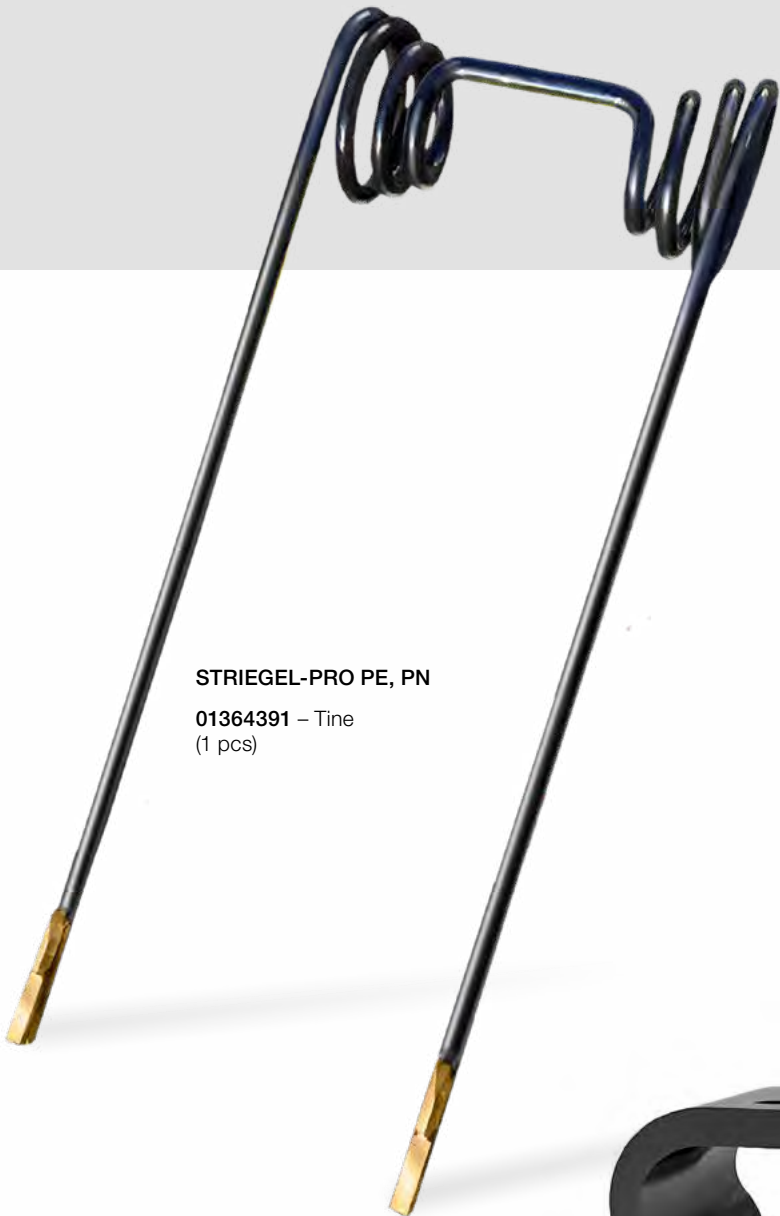
# Long-Life tines, blades and scrapers



**STRIP-MASTER**  
**KM060738** – Point LD-PO  
(1 pcs)



**STRIP-MASTER**  
**KM060752** – Point ST-PO  
(1 pcs)



**STRIEGEL-PRO PE, PN**  
**01364391** – Tine  
(1 pcs)



**OMEGA OO\_L, OO\_FL**  
**KM060563** – Seed coulter scraper  
(1 pcs)



**SWIFTER SN, SO, SE, SM**  
**KM060735** – Gamma point  
(1 pcs)



**SWIFTER**  
**KM060550** – Share  
(1 pcs)



**KATOR**  
**KM450487** – Blade (L)  
(1 pcs)  
**KM450488** – Blade (R)  
(1 pcs)



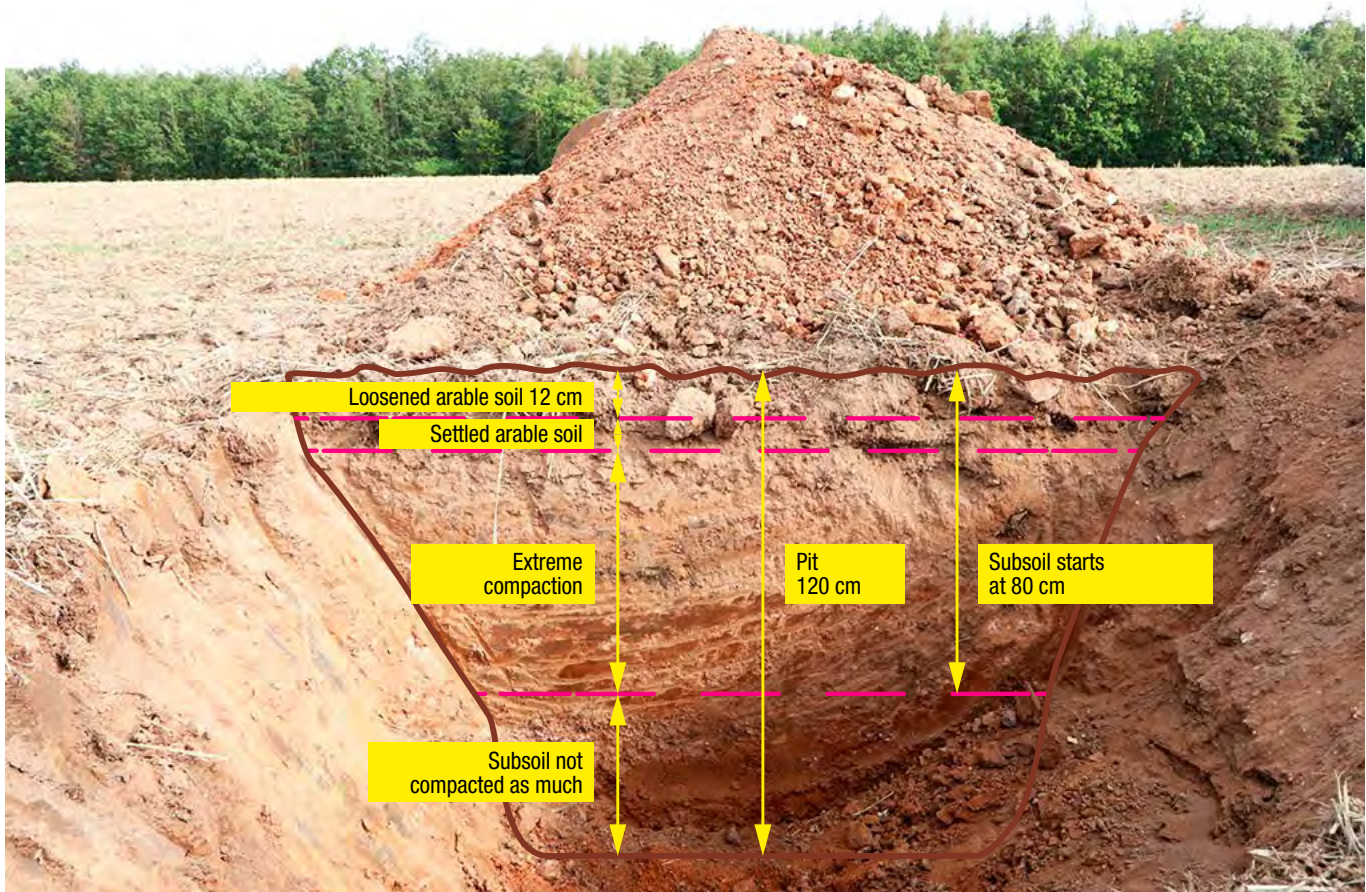
# We tested the Long-Life wearing metal in normal operations

## How the testing was done

The soils was cultivated at the end of July and in early August at a depth of 45 cm. In October and November, the fields were prepared for winter in the machines maximum working depth of 65 cm. This allowed all of the water from during the winter to be absorbed in the soil. For accurate results, all of the wearing metal were new and unused prior to the commencement of the test.

## Soil pit

The fields that were used for the test had never been cultivated at depth. As such, we used a digger to create soil pits at a depth of 120 cm. It was obvious at first sight that the working elements would have to work hard in those conditions. All the fields where the test was performed were cultivated with standard tillage in a depth of 20–25 cm for several years prior. During that time, massive impermeable layers were formed. Before the deep cultivation of soil, stubble cultivation was performed in a depth of 12 cm using the SWIFTERDISC XE 10000 cultivator that they purchased in Probios farm for this season. The measurement showed that the layer of loosened arable soil is 12 cm strong thanks to the stubble cultivation, the settled arable layer measured 8 cm. Extreme compaction started at 20 cm below the surface and continued to a depth of 60 cm. The subsoil started at a depth of 80 cm below the surface and it was not very compacted.



Comparison of the ordinary wing after 44 hectares



Comparison of Long-Life wing after 44 hectares



## BASIC 70 MM POINTS AND WINGS

They are working parts that do not have any hard metal coating and they wore most frequently in such difficult conditions. The first replacement of points was done after 7.3 ha. To make the test as accurate as possible, we did not use one, but several points for the test. The replacement interval settled at 15 hectares after 250 hectares. The ordinary winglets do not have a front widia part and thus they quickly lost their shape. They were replaced after 53 ha on average.

## LONG-LIFE WEARING METAL

The tip and the entire wearing surfaces of the points are covered with carbide plates. The front part of the wings is made of widia plates that minimise wear along the width. This maintained the shape for the entire test, and also kept the a constant performance. The entire test was done on 250 hectares of agricultural soil and the working parts did not have to be replaced once during that time.



Long-Life point after 140 hectares

## Test Results

In the conditions of the Rakovník region where we tested the wear and tear, we found that the Long-Life point lasts up to 17 times longer than the basic point and twice as long as the point with weld deposits. The LONG LIFE winglets last 5 times longer than the regular winglets without weld deposits. After about 250 hectares, the LONG LIFE point is in a condition that will enable its use for other 200 hectares in the following season, according to the operator's estimate. It is definitely worth to pay a little extra for quality, especially when it also brings an increased quality of work and considerable financial savings. And also saving operator down time on changinf those points.



# BEDNAR



INNOVATIVE  
TECHNOLOGY



HIGH  
PRODUCTIVITY



EASY  
OPERATION



AGRONOMIC  
KNOW-HOW

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