

Info about the axe			
Place of discovery (coordinates / municipality)	Bašnice		
Date of finding	May 2019		
Context of the finding	Stray find		
Contact of the owner	Muzeum východních Čech v Hradci Králové		
Type according to Kotowicz	IB.5.34		
Secondary type (Petersen, Bartošková, etc.)	Bartošková IV.AC		
Blade			
Total length	108,31 mm	Blade width	Rekonstruovaná 25,07
Total weight	-	Length of the edge	Ca. 28 mm
Textile (yes / no)	no	Beard length	30,26 mm
The length of the blade from the upper edge of the shaft hole to the upper corner of the blade	65,25 mm	Blade thickness at a distance of 50 mm from the upper edge of the shaft hole	5,66 mm
The length of the blade from the top edge of the shaft hole to the center of the blade	66,68 mm	How many mm of blade is thinner or equal to 5/10 mm?	5: 14 mm 10: 37 mm
The length of the blade from the upper edge of the shaft hole to the lower corner of the blade	65,25 mm	The distance (as the crow flies) of the beginning of the beard / lower tip of the blade from the lower edge of the shaft hole	-
The height of the neck of the blade at the level of the shaft hole	10,3 mm	Distance (rounded) of the beginning of the beard / lower tip of the blade from the lower edge of the shaft hole	-
Blade neck thickness at the level of the shaft hole	18,8 mm	Straight beard (yes / no)	no
The line of the inserted edge? (yes / no)	-	Length and thickness of the inserted edge	-
Does the blade taper smoothly?	yes	If the blade does not taper smoothly, what is the thickness of the thinnest point?	-
Shaft hole			
Shape of the shaft hole	Round	Dimension of the shaft hole at the upper mouth	17,2 × 15,2 mm
Dimension of the shaft hole at the lower mouth	17,08 × 15 mm	Is the shaft hole conical?	-
Inclination of the hole (in °) relative to the upper edge of the blade	Ca. 110° / 70°	The length of the left set of thorns when viewed from the hammer / butt	38,5 mm

The length of the right set of thorns when viewed from the hammer / butt	39,12 mm	Span of thorns	48,82 mm
Thickness of thorns in the middle	4,19 mm	Thickness of thorns on the tips	2,4 mm
Maximum weapon thickness	24,95 mm	Highlighting rib in the middle of the thorns?	yes
Traces of wood?	no	Estimated production method	-

Hammer / butt

Length of the hammer / butt from the upper edge of the shaft hole	26,29 mm	Length of the hammer / butt from the lower edge of the shaft hole	27,03 mm
Height of the hammer / butt at the shaft hole	10,79 mm	Does the hammer / butt look like an hourglass when viewed from above?	yes
Is the striking area widened?	yes	Strike area size	18,75 × 12,79 mm

Decoration

Location	See below	Length	See below
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Decoration description:

- the edge is located 5,32 mm far from the closest silver line
- birds have size 15-17 × 15-17 mm

Appendix

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