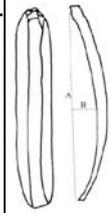


Söderlind, S. (2018). A Study of the Mesolithic Handle Core technology in Schleswig-Holstein. Archäologische Informationen 41, Early View, published online 16 Febr 2018. Supplemental material 1: database and database explanation.

Database explanation

	Attribute	Attribute morphologies	Comment	Source (if no source is listed, the categories were created for this study)
General information	Find ID		Given for this study	
	Find no.		Original find number	
	Site			
	Thermal influence - type	0. no influence 1. colour change 2. cracks 3. shelly crack outs 4. colour change and cracks 5. colour change and shelly crack outs 6. cracks and shelly crack outs 7. colour change, cracks and shelly crack outs 8. just determinable by shiny retouches or breaks 999. indet.		(Groß, 2017)
	Weathering	0. no weathering 1. beginnings of colour change 2. weathered white		
	Cortex remains	0. no cortex 1. less than 25% 2. between 25% and 50% 3. between 50% and 75% 4. more than 75% 999. indet		(Groß, 2017)
	Basic artefact type	1. core 2. blade		
	Secondary artefact type	1. scraper 2. burin	Most of the tools from the sites were excluded due to time restrictions, a few happened to be included.	
	Length		Cores length: measured from short side to other short side perpendicular to core front face (as far as possible) Blade length: measured from platform to distal end, along a centred line running down the blade.	

	Width		Core width: measured between the two longer sides, perpendicular to core length in its widest part Blade width: Measured from one lateral side to the other, halfway down the blade length	
	Thickness/height		Cores height: Measured at the biggest height, from keel to platform. Blades: Measured from ventral side to dorsal side, halfway down the blade length (when possible)	
	Fragmentation	<ol style="list-style-type: none"> 1. complete core/blade 2. proximal fragment 3. medial fragment 4. distal fragment 5. proximal and medial parts 6. medial and distal parts 12. core front 13. core middle part 14. core back 15. core front and middle parts 16. core middle and back parts 17. side fragment 18. platform fragment 19. platform and middle parts 20. keel fragment 21. keel and middle parts 999. indet. 	<p>Number 2-6 refers to blades and 12-21 refers to cores.</p> <p>"5. proximal and medial parts" are recorded as such when it is apparent that only the distal tip is missing. "6. medial and distal parts" are recorded as such when it is apparent that only the blade butt is missing.</p> <p>The same method is used for attribute morphologies 15, 16, 19 and 21.</p>	
Cores	Core type	<ol style="list-style-type: none"> 1. handle core 2. conical/ semi-conical core 999. indet./other 	All cores with blade negatives are included. A blade negative has a length-width ratio of 2:1 and show signs of being knapped in a serial production.	
	Blade reduction	<ol style="list-style-type: none"> 1. on one side 2. on two sides 3. all around (for conical/semi-conical cores) 999. indet. 		(Olofsson, 1995)
	Blade negatives width	<ol style="list-style-type: none"> 1. ≤ 10 2. 10.1-15 3. 15.1-20 4. 20.1-25 5. > 25 999. indet 	(mm) Using whole blade negatives, avoiding obvious overlaps. The most common blade negative width on the core decides the grouping.	
	Blade negatives length	<ol style="list-style-type: none"> 1. ≤ 50 2. 50.1-70 3. 70.1-90 4. 90.1-100 5. > 100 999. indet 	(mm) The most common blade negative length on a core decides the grouping	
	Faceting of platform	<ol style="list-style-type: none"> 0. no faceting 1. faceting 2. partial faceting 999. indet. 		

	Platform preparation	0. no preparation 1. abraded 2. trimmed 3. abraded and trimmed 4. trimming ON platform 5. trimming on platform and reduction area 999. indet.		(Sørensen, 2013) + added morphologies 4 and 5
	Front angle	1. 50 degrees 2. 55 degrees 3. 60 degrees 4. 65 degrees 5. 70 degrees 6. 75 degrees 7. 80 degrees 8. 85 degrees 9. 90 degrees 10. 95 degrees 11. 100 degrees 12. 105 degrees 13. 110 degrees 14. 115 degrees 15. 120 degrees	Cores are recorded in the group closest to their measured angle	
	Core body shaping vertical	0. no preparation 1. from platform 2. from keel 3. from platform and keel 999. indet.		(Olofsson, 1995)
	Core body shaping lateral	0. no preparation 1. from front 2. from back 3. from front and back 999. indet.		
	Core side retouch	0. no preparation 1. on one side 2. on two sides 999. indet.		(Olofsson 1995)
Blades	Blade curvature	1. straight (b-value smaller than 0,5 mm) 2. slight curvature (b-value between 0,5-2 mm) 3. prominent curvature (b-value greater than 2 mm) 4. distal curvature	Image from Sørensen, 2006. 	(Sørensen, 2006; 2013)
	Ventral ripples	0. no ventral ripples 1. visible ventral ripples 3. pronounced ventral ripples 999. indet.		(Sørensen, 2013)
	Regularity	1. irregular blade 2. regular blade 3. extremely regular blade		(Sørensen, 2013)
	Blade termination	0. not preserved 1. retouched 2. pointed ending 3. blunt/straight ending 4. hinge break 5. other 999. indet.		(Groß, 2017)

Conus formation	0. not preserved 1. ring crack on butt 2. ring crack on butt and ventral fissures 3. detached bulb		(Sørensen, 2013)
Butt preservation	0. not preserved 1. cortex or natural surface 2. smooth 3. broken 4. polished 5. faceted 999. indet.		(Groß, 2017)
Butt morphology	0. not preserved 1. punctiform butt 2. small butt 3. small thick butt 4. thin oval butt 5. large oval butt 6. thick large butt 999. indet.		(Sørensen, 2013)
Butt preparation	0. no preparation 1. abraded 2. trimmed 3. abraded and trimmed 999. indet.		(Groß, 2017: 95)
Butt interior angle	1. <71° 2. 72-77° 3. 78-82° 4. 83-89° 5. 90° 6. >90° 999. indet.		(Damlien, 2015)
Lip formation	0. not preserved 1. preserved 2. pronounced 4. removed by preparation 999. indet.		
Blade retouch	0. no retouch 1. retouch 999. indet.		
Ventral/dorsal retouch	0. no retouch 1. ventral retouch 2. dorsal retouch 3. ventral and dorsal retouch 999. indet.		
Retouch location vertical	0. no retouch 1. proximal 2. medial 3. distal 4. proximal and medial 5. medial and distal 6. proximal and distal 7. all parts 999. indet.		
Retouch location lateral	0. no retouch 1. left side 2. right side	(seen from dorsal side)	

		3. both sides 999. indet.		
	Visible use wear	0. no visible use wear 1. visible use wear 999. indet.		
	Use wear location vertical	0. no visible use wear 1. proximal 2. medial 3. distal 4. proximal and medial 5. medial and distal 6. proximal and distal 7. all parts 999. indet.		
	Use wear location lateral	0. no visible use wear 1. left side 2. right side 3. both sides 999. indet.	(seen from dorsal side)	

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