



RIVKLE® EP X009

Smart Process Control

BOLLHOFF

Process Control

Available for the whole range of power tools:
RIVKLE® P1007 - P2007 - P3007

Control process based on stroke monitoring:
EP X009 compares real stroke to predefined one

LED indicator on EP box and on the rear of the tool

Advantages:

- Ensures repeatability of RIVKLE® settings
- Detailed error reporting for better correction and prevention
- Ensures optimum setting of RIVKLE®

Fault acknowledgment on screen (air supply)

Tactical screen human interface (3,5")

Fast connection multi-energy hose (5 m standard; 10 & 15 m as option)

	📖	ø RIVKLE®							
		M3	M4	M5	M6	M8	M10	M12	M14
EP 1009	282 522 15000	■	■	■	■				
EP 2009	282 522 16000		■	■	■	■	■		
EP 3009	282 522 17000					■	■	■	■
EP 2009 PN	282 522 18000		■	■	■	■			
EP 3009 PN	282 522 19000					■	■	■	■

Control box EP-BOX

Fault detection:

Multi-fault management : information on screen:

- Cycle without RIVKLE® detection*
- Material too thin or thick
- Broken mandrel detection
- Incomplete RIVKLE® screwing (no anvil contact)



Air supply is cut when a fault occurred; user must acknowledge on screen, with or without counting the part.

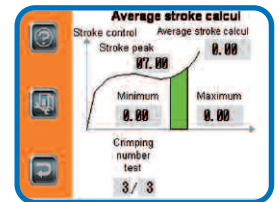
*No RIVKLE® on the mandrel is a minor fault, the air is not cut as default.

Ergonomic and simple set up:

Automatic setup: set 3 RIVKLE® in the application.

The tool adjusts itself and defines the control value and its tolerance offset.

A manual mode allows the user to save values directly (frequent RIVKLE® type change for example).



Counter:

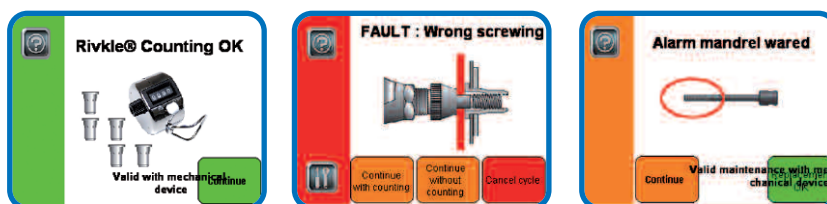
Counter options with 3 uses:

- 1 Validate that the correct number of RIVKLE® have been set per application (good settings only)
- 2 Follow the wear of setting mandrel (preventive maintenance)
- 3 Follow the maintenance schedule of the tool itself (preventive maintenance)



If a fault occurs during a setting the user will have choice between:

- Continue without counting the part (e.g. if the RIVKLE® is removed)
- Continue while counting (e.g. defect is acceptable)
- Cancel the sequence (e.g. complete part scrapped)



RIVKLE® EP X009

Accessories and options

					
RIVKLE® EP 1009	236 157 00 301				282 522 14000
RIVKLE® EP 2009	236 156 00 301				
RIVKLE® EP 2009 PN					
RIVKLE® EP 3009 PN					
RIVKLE® EP 3009	236 159 00 301		-	-	

Acknowledgement by key



Acknowledgement by button



Acknowledgement by RFID




















Stack light repeater



Multi-energy hose



Tooling

RIVKLE® EP 1009 / EP 2009				ø RIVKLE® ISO									
				M3	M4	M5	M6	M8	M10	M12	M14	M16	
Mandrel			236 113 XX 020	03	04	05	06	08	10	*(1)	-	-	
			376 113 XX 020	-	04	05	06	08	*(3)	-	-	-	
Anvil			236 113 XX 030	03	04	05	06	08	10	*(2)	-	-	
			376 113 XX 030	-	04	05	06	08	*(4)	-	-	-	
RIVKLE® EP 3009													
Mandrel			236 159 XX 020	-	-	-	-	08	10	12	14	16	
Anvil			236 159 XX 030	-	-	-	-	08	10	12	14	16	
RIVKLE® EP2009 PN													
Mandrel			236 913 XX XXX	-	04 094	05 094	06 127	08 101	*(5)	-	-	-	
Anvil			236 913 XX XXX	-	04 086	05 095	06 128	08 087	10 010	-	-	-	
RIVKLE® P3009 PN													
Mandrel			236 913 XX XXX	-	-	-	-	08 101	*(5)	-	-	-	
Anvil			236 913 XX XXX	-	-	-	-	08 087	10 010	-	-	-	

*(1) = 236 153 12 020

*(2) = 236 153 12 030

*(3) = 376 913 10 020

*(4) = 376 913 10 030

*(5) = 236 913 10 006

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