



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.

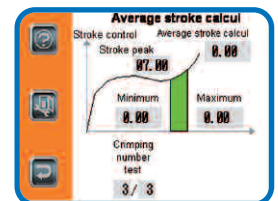
*No RIVKLE® on the mandrel is a minor fault, the air is not cut as default.

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:

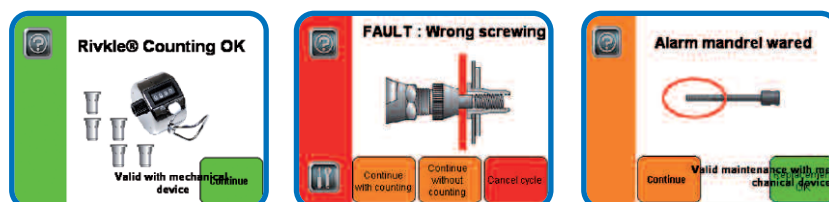
Counter options with 3 uses:

- 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)

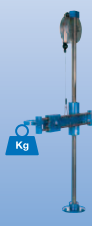
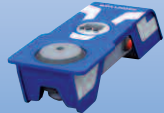


If a fault occurs during a setting the user will have choice between:

- ☐ 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				
RIVKLE® EP 2009		 2 - 3 Kg 282 590 10 820	 2,2 - 4 Kg 282 590 10 665	 2,2 - 4 Kg 282 590 10 664	
RIVKLE® EP 2009 PN	236 156 00 301				
RIVKLE® EP 3009 PN		 4 - 6 Kg 282 590 10 152	—	—	
RIVKLE® EP 3009	236 159 00 301				282 522 14000

Acknowledgement by key

Acknowledgement by button

Acknowledgement by RFID

Stack light repeater

Multi-energy hose

Tooling

				ø RIVKLE® ISO									
RIVKLE® EP 1009 / EP 2009					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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