

**MANUAL**

MOUNTING – DISMOUNTING

ASSEMBLING – DISASSEMBLING  
INSTRUCTION

TECHNICAL  
INFORMATION

**ET-W-SI**  
**ET-WD-SI**



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## QUALITY AND SAFETY



Dear customer,

please study this manual thoroughly. Incorrect assembly or disassembly may damage the fitting and can cause harm to product or person.

Specialised sealing systems made of high-grade materials are in daily utilisation with all our types of extractor tubes. Due to continuous improvement of our technology we are able to equip all D-type and S-type systems with a five-year warranty.

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# MOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 1. Mounting Instruction

ET-W-SI



ET-WD-SI



# MOUNTING INSTRUCTION

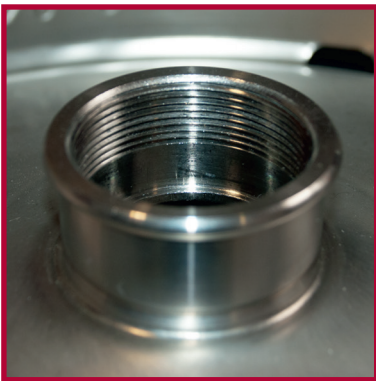
## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

Fig. 01



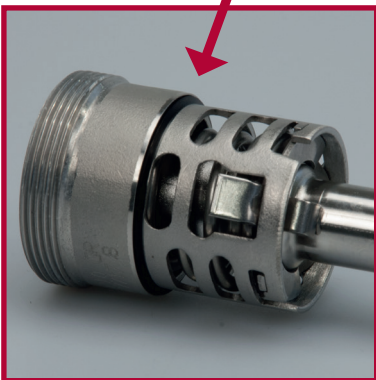
1. Moisten the extractor tube with water.

Fig. 02



2. Check the keg neck is clean. Clean the keg neck from any contaminations.

Fig. 03



3. Check the sealing ring is not damaged and is positioned correctly.

# MOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

Fig. 04



4. Check if lock/safety is O.K. Insert the extractor tube straight.

Fig. 05



5. Push in the extractor tube by hand. The safety latch will recess and click back after it has passed the keg neck.

Fig. 06



6. Tighten the extractor tube (rotate it clockwise) e.g. with the DSI screw-in/screw-out tool and torque-wrench. The mounting torque (continuous) must be  $80 \pm 5$  Nm.

# MOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

Fig. 07



7. Remove the screw-in/screw-out tool. The keg is ready for use now.



# DISMOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 2. Dismounting Instruction

ET-W-SI



ET-WD-SI



# DISMOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

Fig. 08



1. Decompress the keg, e.g. by means of the DSI decompression and removal tool.

Fig. 09



2. Unscrew the extractor tube (rotate it counter-clockwise) with the DSI screw-in/screw-out tool.

Fig. 10



3. Connect the removal tool like a normal dispense head and press down the handle till it clicks. The safety latch will recess.

# DISMOUNTING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

Fig. 11



4. Take out the extractor tube and disconnect the removal tool.

# DISASSEMBLING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 3. Disassembling Instruction

ET-W-SI

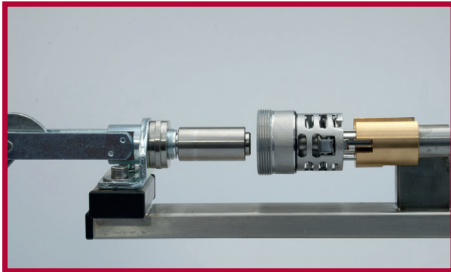


ET-WD-SI

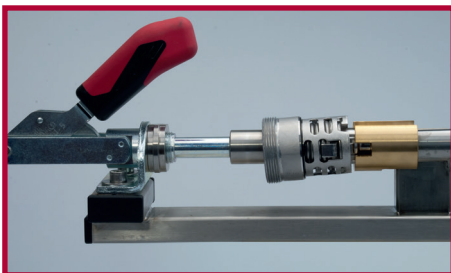


# DISASSEMBLING INSTRUCTION

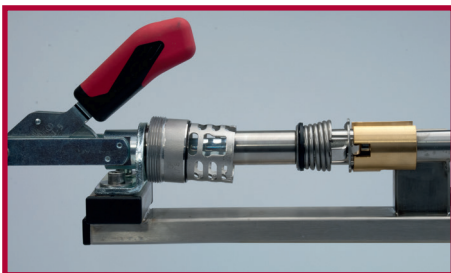
## EXTRACTOR TUBE ET-W-SI / ET-WD-SI



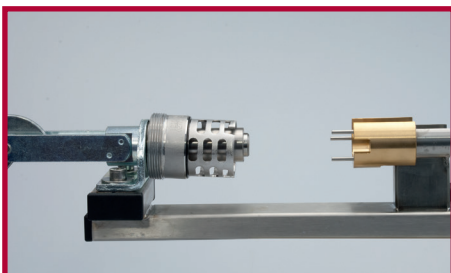
1. Put the extractor tube in the tool. Make sure that the three pins of the tool fit into the three holes in the bottom of the extractor tube plate.



2. Pull the handle forward to compress the spring. Push the safety latch slightly inwards. Pull the body downwards and turn it anticlockwise until it is unlocked.



3. Move the body upwards and connect it to the tool by turning the body 90°.



4. Push the handle backward. Take the subassy out. Take the body off.



5. Take off the remaining parts. The extractor tube is disassembled.

# ASSEMBLING INSTRUCTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 4. Assembling Instruction

ET-W-SI



ET-WD-SI

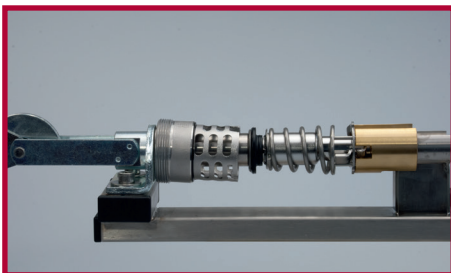


# ASSEMBLING INSTRUCTION

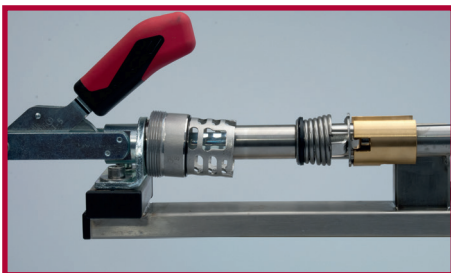
## EXTRACTOR TUBE ET-W-SI / ET-WD-SI



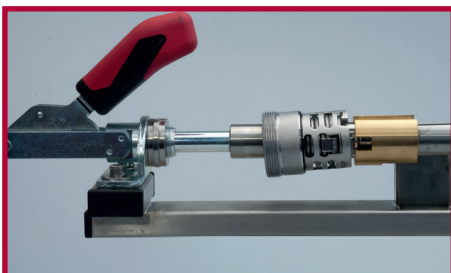
1. Replace the sealing ring on the body and the main seal. Assemble all parts.



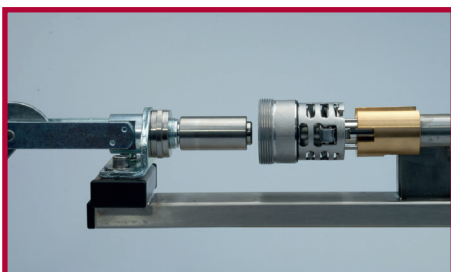
2. Connect the body to the assembling tool. Put the subassy in the tool. Make sure that the three pins of the tool fit into the three holes in the bottom of the extractor tube plate. Push the safety latch slightly inwards.



3. Pull the handle forward to compress the spring.



4. Pull the body downwards and turn it clockwise until it is locked to the extractor tube plate. Make sure that the safety latch sticks through the big opening in the body.



5. Push the handle backward in order to tension the spring and take out the extractor tube. Please check the correct positions of the seals and the safety latch.

# TOOLS

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 5. Tool List

ET-W-SI



ET-WD-SI





# TOOLS

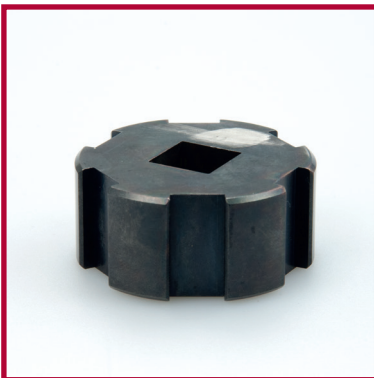
## EXTRACTOR TUBE ET-W-SI / ET-WD-SI



### 1. Removal tool for:

ET-W-SI 2 lugs: part number 026578.2

ET-WD-SI 2 lugs: part number 027987.3



### 2. Screw-in/screw-out tool:

part number: 025521.1



### 3. Assembling/disassembling tool for:

ET-W-SI 2 lugs: part number 026664.0

ET-WD-SI 2 lugs: part number 028437.2

# TECHNICAL INFORMATION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 6. Technical Information

ET-W-SI



ET-WD-SI





# TECHNICAL INFORMATION

## EXTRACTOR TUBE ET-WD-SI

Section	Description	Part	Dimension	Value	Value
I	Stroke CO <sub>2</sub> Valve + Tube	Parts 2+5 - Part 1	A	3mm	max. 4mm-6mm
		Part 3 - Part 2	B	4mm	6,5mm-8mm
II	Passages through Inner Tube	In Part 2 $\varnothing 17,8$	C		250mm <sup>2</sup>
		Part 3 - Part 5	D		220mm <sup>2</sup>
		In Part 5 $\varnothing 17,6$	E		240mm <sup>2</sup>
III	Passages through Outer Tube	Part 1 - Part 2	F		330mm <sup>2</sup>
		Part 1	G		2340mm <sup>2</sup>
IV	Temperature Resistance	Short-time 160°C			

PRODUCT		REMARKS	ROUGHNESS	SCALE	WEIGHT VOLUME
				MATERIAL	
		DATE	NAME	TITLE	
		DRAWN 22.02.2013	kunze	Technical Data Sheet ET-WD SI	
		APPR.		PROJ. METHOD	SHEET
		NORM		FORMAT A4	1
		PROD. DEV.	DE	DRAWING NUMBER D-910432	2 SHTS.
ALTERATIONS		DATE	NAME	REPL.	REPL. BY

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# CONNECTION

## EXTRACTOR TUBE ET-W-SI / ET-WD-SI

### 6. Connection

ET-W-SI

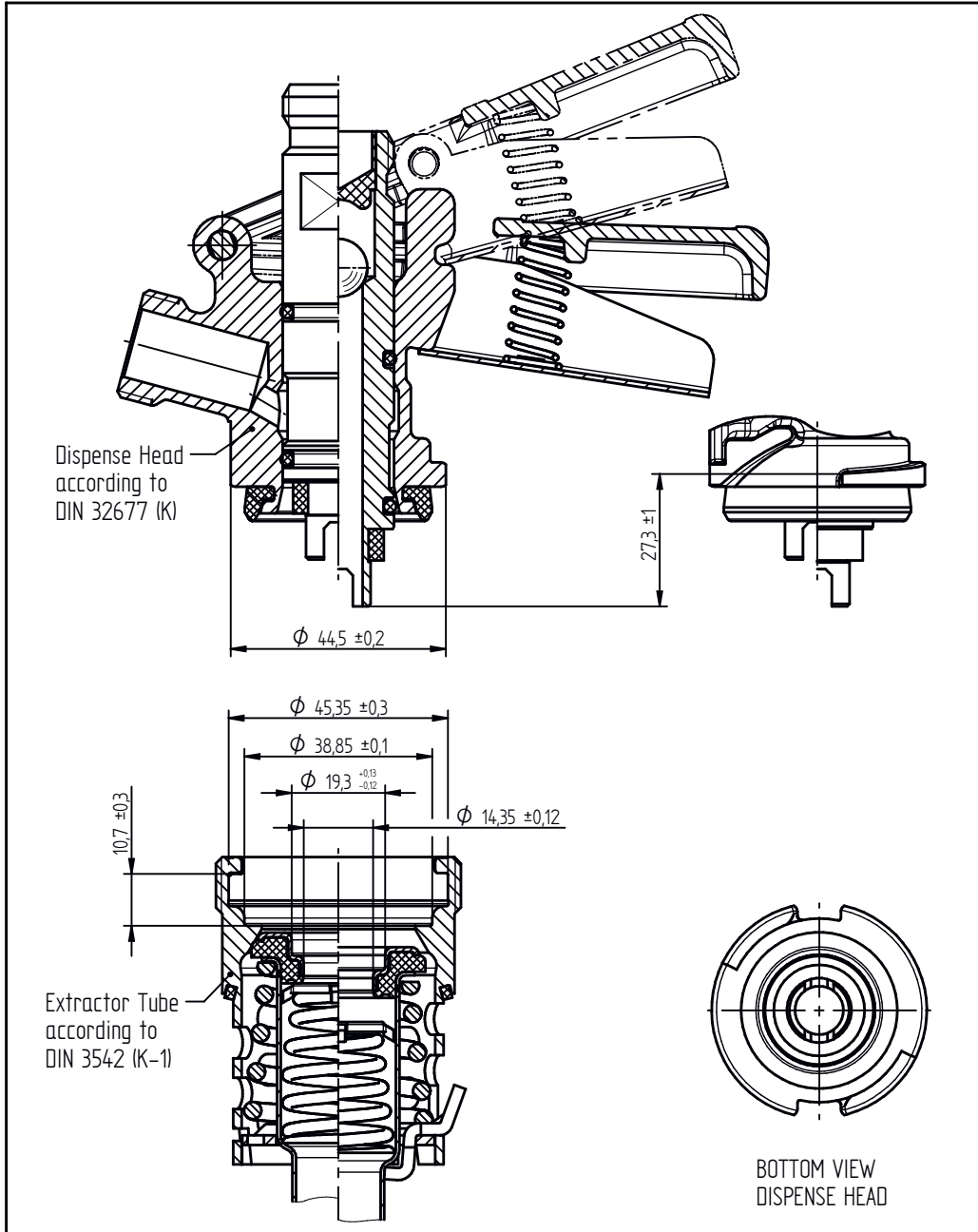


ET-WD-SI



# CONNECTION

## EXTRACTOR TUBE ET-W-SI

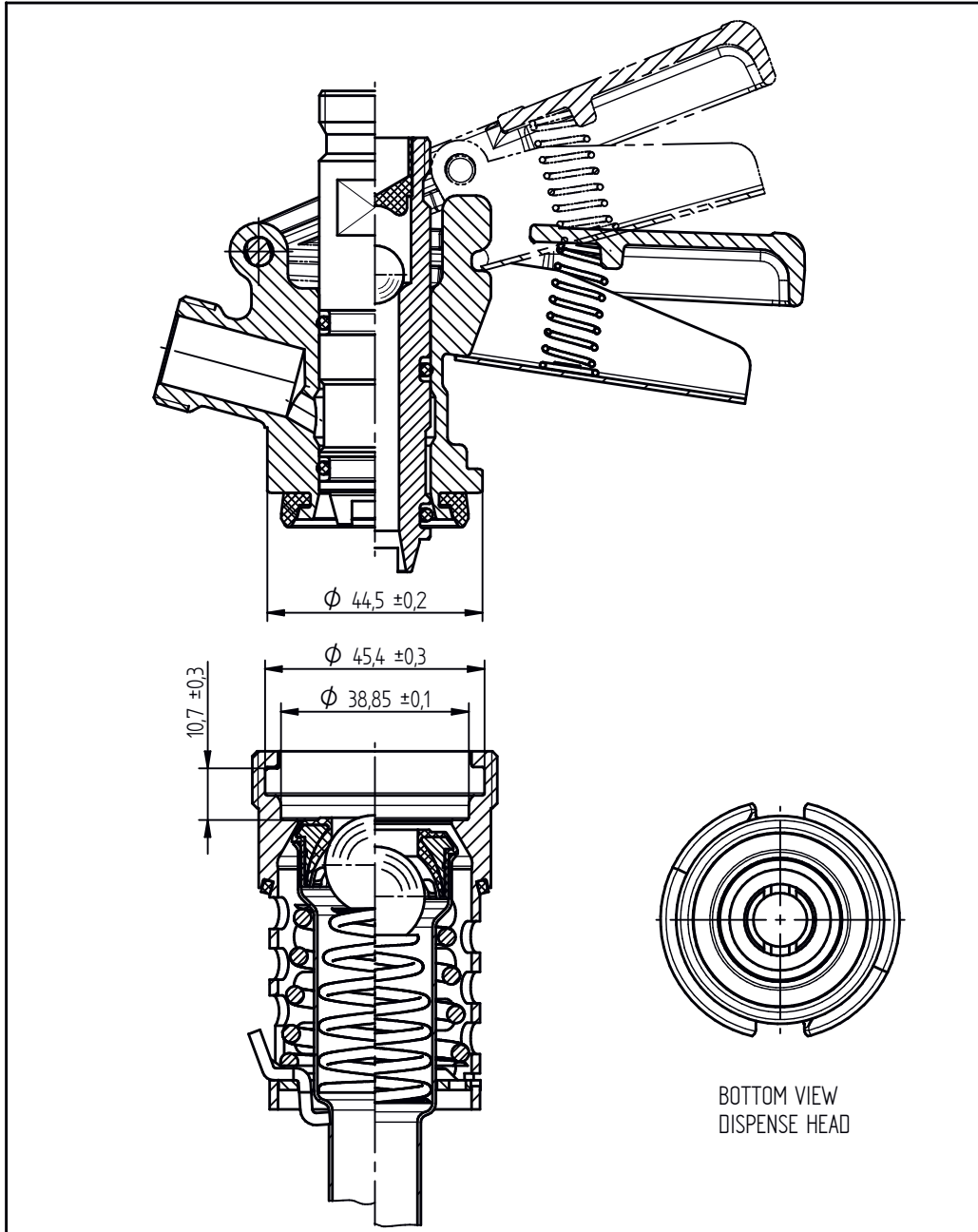


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PRODUCT		REMARKS		ROUGHNESS	SCALE	WEIGHT VOLUME		
					MATERIAL			
		DATE		NAME	TITLE			
		DRAWN 19.06.2002		AH	Well-Type Connection System			
		APPR.						
		NORM						
		PROD. DEV.		DE				
C	updated	06.03.2013	Kunze	<b>DSI</b> unique draught technologies	PROJ. METHOD	FORMAT	DRAWING NUMBER	SHEET
B	dimension 7,1 added	23.08.2002	AH			A4	D-184559	1
A	depth+slope dimensions added	14.08.2002	AH					2 SHTS.
$\Delta$	ALTERATIONS	DATE	NAME		ORIGIN	REPL.	REPL. BY	

# CONNECTION EXTRACTOR TUBE ET-WD-SI



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PRODUCT		REMARKS		ROUGHNESS	SCALE	WEIGHT VOLUME	
					MATERIAL		
			DATE	NAME	TITLE		
			DRAWN	25.02.2013	kunze		
			APPR.				
			NORM				
			PROD. DEV.	DE			
				PROJ. METHOD	FORMAT	DRAWING NUMBER	SHEET
				REPL.		A4	D-910433
							2 SHTS.
ALTERATIONS		DATE	NAME	ORIGIN	REPL.	REPL. BY	



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