

manual

MOUNTING – DISMOUNTING

ASSEMBLING – DISASSEMBLING
INSTRUCTION

TECHNICAL
INFORMATION

ET-GR FS
ET-AC FS



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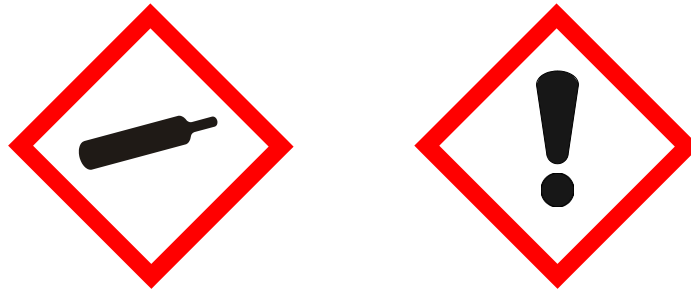
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SAFETY AND QUALITY

Health and safety

Incorrect assembly/installation may damage the keg spear and poses the risk that components may occasionally come off during initial pressurization and can cause harm to product and person.



Quality

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 A-type and G-type systems with a two-year warranty.

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MOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

1. Mounting Instruction

ET-AC FS



ET-GR FS



MOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 01



1. Moisten the extractor tube with water.

Fig. 02



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

Fig. 03



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

MOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 04



4. Click the tool on the extractor tube by pushing it into the rubber valve.

ATTENTION PLEASE: Do not press the handles!

Fig. 05



5. Rotate the tool clockwise to unlock the bayonet plate.

Fig. 06



6. Fit the extractor tube bayonet plate through the keg neck.

MOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 07



7. Lift the tool with the extractor tube engaged upwards until contact is made between the welded bayonet plate and the bottom edge of the spear body. Continue lifting the tool upwards and rotate it clockwise until a positive upward movement of the assembly occurs.

Fig. 08



8. Now rotate the tool counter-clockwise until the body stops. When the bayonet plate is fixed in the body, please press the handles together to release the tool and lock the bayonet plate.

Fig. 09



9. Attention: The three lines on the body have to match the corners of the triangle on the top of the tube. If this is NOT the case, please go to page 11/12 and follow point 3-4 and repeat afterwards point 7-9 on this page.

MOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 10



10. Tighten the extractor tube (rotate it clockwise) with the DSI screw-in/screw-out tool. The mounting torque (continuous) must be 80 ± 5 Nm.

Fig. 11



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

DISMOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

2. Dismounting Instruction

ET-AC FS



ET-GR FS



DISMOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 12



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

Fig. 13



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

Fig. 14



3. Click the tool on the extractor tube by pushing it onto the rubber valve.

ATTENTION PLEASE: Do not press the handles!

DISMOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

Fig. 15



4. Lift the tool with the locked extractor tube a little bit and rotate it clockwise to unlock the bayonet plate while holding the body.

Fig. 16



5. Lift the spear body upward at the tool. Now the extractor tube can be taken out of the keg neck.

Fig. 17



6. Engage body in the bayonet locks by turning it clockwise. Press the handles together to release the tool and the extractor tube is reassembled.

DISMOUNTING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

3. Disassembling instruction

ET-AC FS

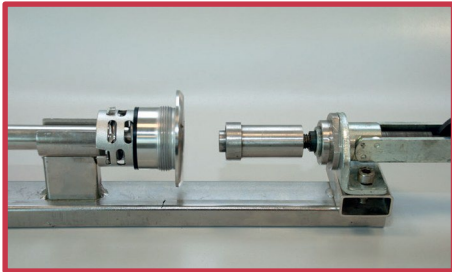


ET-GR FS



DISASSEMBLING INSTRUCTION

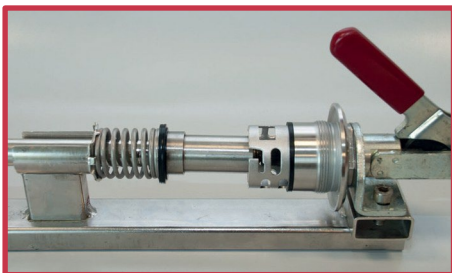
EXTRACTOR TUBE ET-AC FS / ET-GR FS



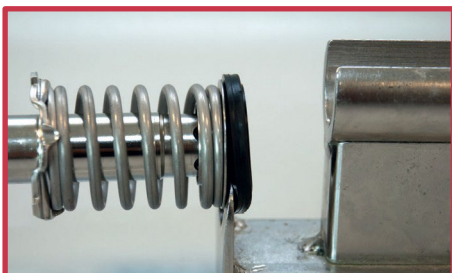
1. Push the handle of the DSI Tool backward. Place the extractor tube in the tool.



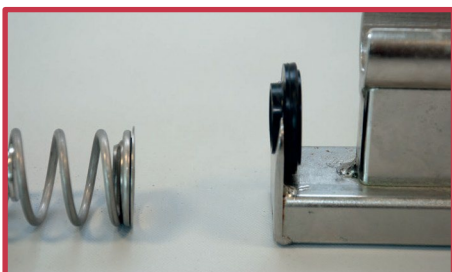
2. Push the handle forward to relax the spring.



3. Turn the body clockwise and move it onto the ring nut. Push the handle backward to take the tube and the body out of the tool.



4. Remove the valve by pushing the fork (at the end of the tool) between the valve and the metal part and pulling it away from the tool.



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

ASSEMBLING INSTRUCTION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

4. Assembling instruction

ET-AC FS

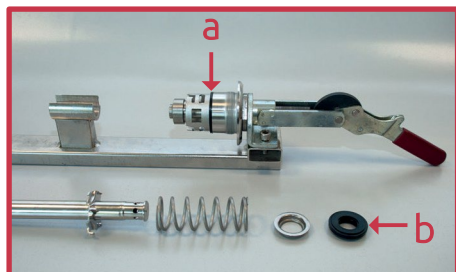


ET-GR FS

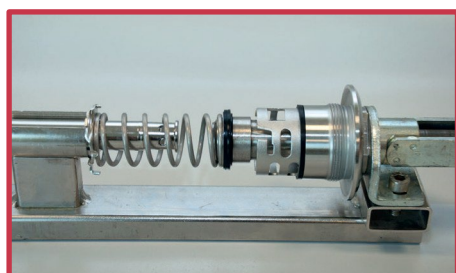


ASSEMBLING INSTRUCTION

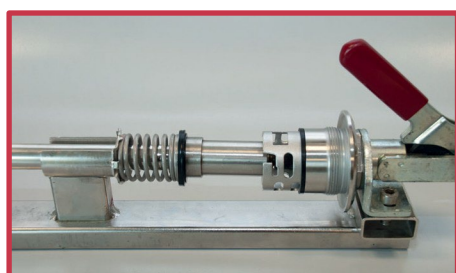
EXTRACTOR TUBE ET-AC FS / ET-GR FS



1. Replace the sealing ring on the body (a) and the main seal (b). Put the body onto the ring nut and keep all the parts ready. Before assembling, moisten the rubber parts with water.



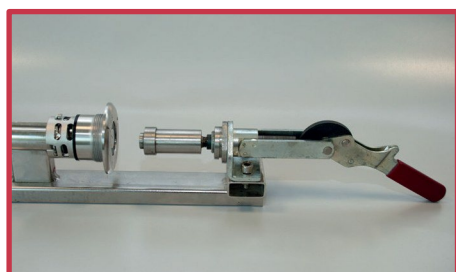
2. Place all the pieces in the correct sequence on the tube. Put the extractor tube in the tool.



3. Centre the spring between the guides on the locking plate. Mount the valve on the tube by pushing the handle forward.



4. Move the body to the locking plate and turn it counter-clockwise after the body is positioned in the lugs. Check if lock/safety is correct.



5. Push the handle backward in order to tension the spring and take out the extractor tube. Please check the correct position of the seals. The extractor tube is ready for use now.

TOOLS

EXTRACTOR TUBE ET-AC FS / ET-GR FS

5. Tool List

ET-AC FS



ET-GR FS



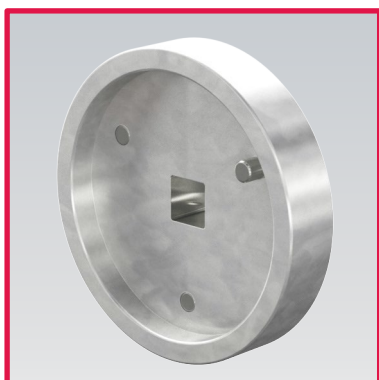
TOOLS

EXTRACTOR TUBE ET-AC FS / ET-GR FS



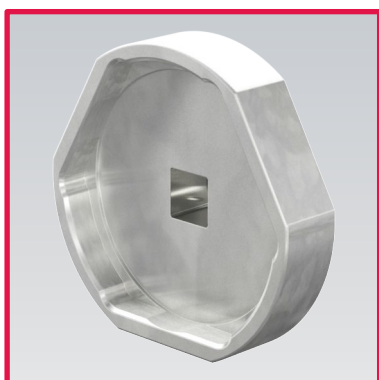
1. Removal tool

part number: 910550



2. Screw-in/screw-out tool:

part number: 550426.8

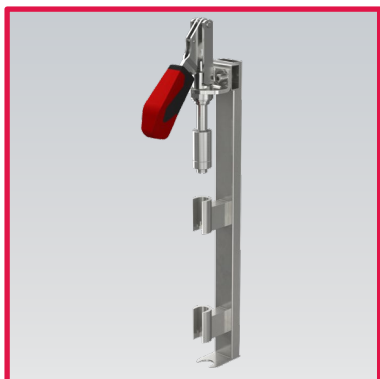


3. Screw-in/screw-out tool:

part number: 550425.7

TOOLS

EXTRACTOR TUBE ET-AC FS / ET-GR FS



4. Assembling/Disassembling tool:

part number: 910555



4. Assembling tool:

part number: 611326

TECHNICAL INFORMATION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

6. Technical Information

ET-AC FS



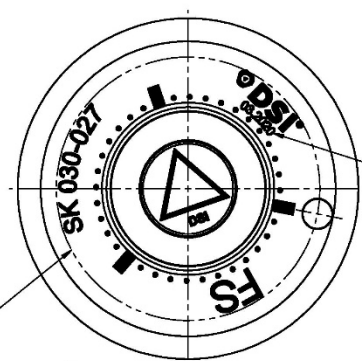
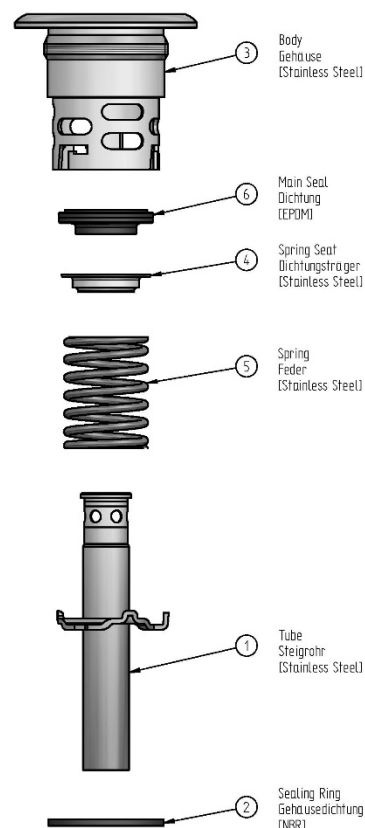
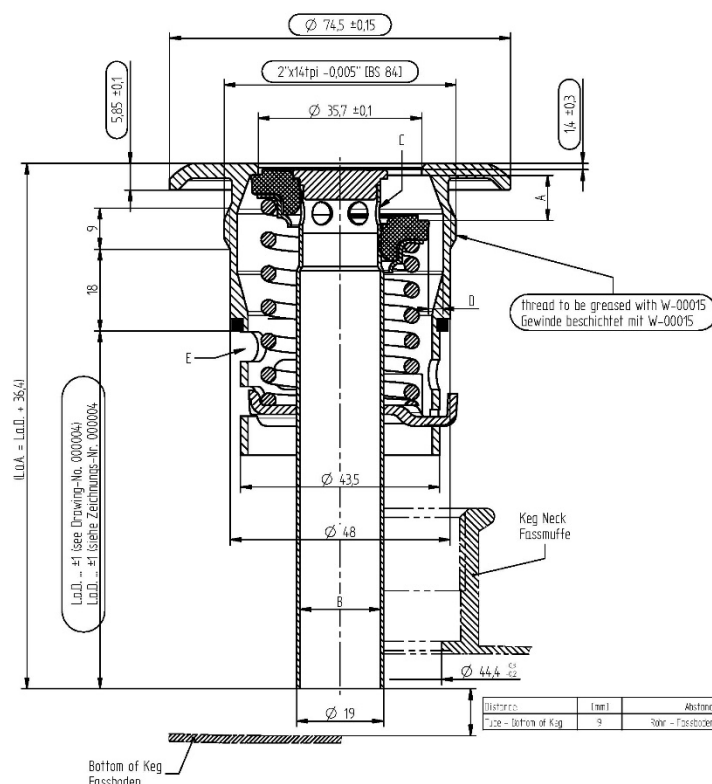
ET-GR FS



TECHNICAL INFORMATION

EXTRACTOR TUBE ET-AC FS / ET-GR FS

EN	DE	EN	DE		
Product Information	Produktinformationen	Stroke and Passages	Hub und Öffnungsquerschnitte		
according to DIN 6650, DIN 3542 and FDA regulations	Produkt nach DIN 6650, DIN 3542 und FDA Bestimmungen	I main seal part 6 – part 3	Dichtung Pos. 6 – Pos. 3	A	9 - 12 mm
for specific length calculation keg drawing or H3-dimension is needed according to DIN 6647	Für konkrete Längenberechnung wird die Keg-Zeichnung oder das H3-Maß nach DIN 6647 benötigt	II through inner tube $\varnothing$ 17,6 part 1	innerhalb des Steigrohrs $\varnothing$ 17,6 Pos. 1	B	240 mm²
gaslight	gasdicht	6 holes in part 1	6 Löcher in Pos. 1	C	120 mm²
mounting torque: 80±5 Nm	Anzugsdrehmoment: 80±5 Nm	III through outer tube part 3 – part 6	außerhalb des Steigrohrs Pos. 3 – Pos. 6	D	470 mm²
temperature resistance short-time 160°C	Temperaturbeständigkeit kurzfristig 160°C	in part 3	in Pos. 3	E	980 mm²
for more information: wulftec.com.au/en	für mehr Informationen: wulftec.com.au/en				



month and year of assembly
Monat und Jahr der Montage

etch on top with 610120
Auf Oberflächeätzen mit 610120

customer-specific information	kundenspezifische Angaben
-------------------------------	---------------------------

Art.-Nr. Part No.	
L.a.D. [mm]	
L.ü.A. [mm]	

weight calculation $\pm$ 5% / Gewichtsberechnung $\pm$ 5%

$$m \text{ [g]} = \text{L. a. D. [mm]} * 0,315 \frac{\text{g}}{\text{mm}} + 300\text{g}$$

Pos.	Quantity	Art.-No.	Title
1	1	000013	Master Down Tube Assembly (fixed Safety)
2	1	025130.6	Sealing Ring
3	1	028092.9	Body AC 2"x14tpi
4	1	551082.4	Spring Seat
5	1	551083.5	Spring
6	1	610116	Main Seal 16.0" outer diameter

[illegible]

[illegible]

CONNECTIONS

EXTRACTOR TUBE ET-AC FS / ET-GR FS

6. Connections

ET-AC FS

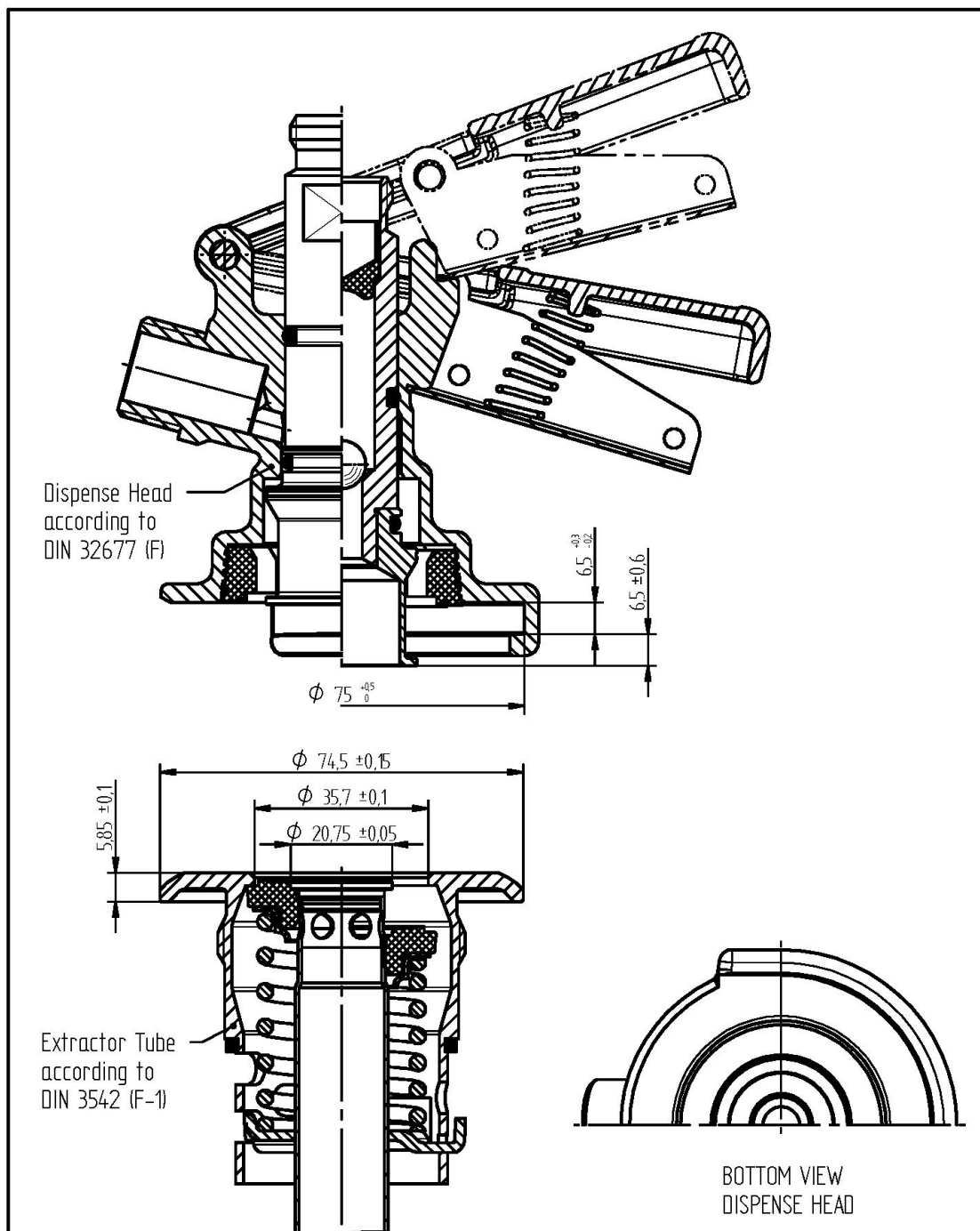


ET-GR FS



CONNECTIONS

EXTRACTOR TUBE ET-AC FS / ET-GR FS

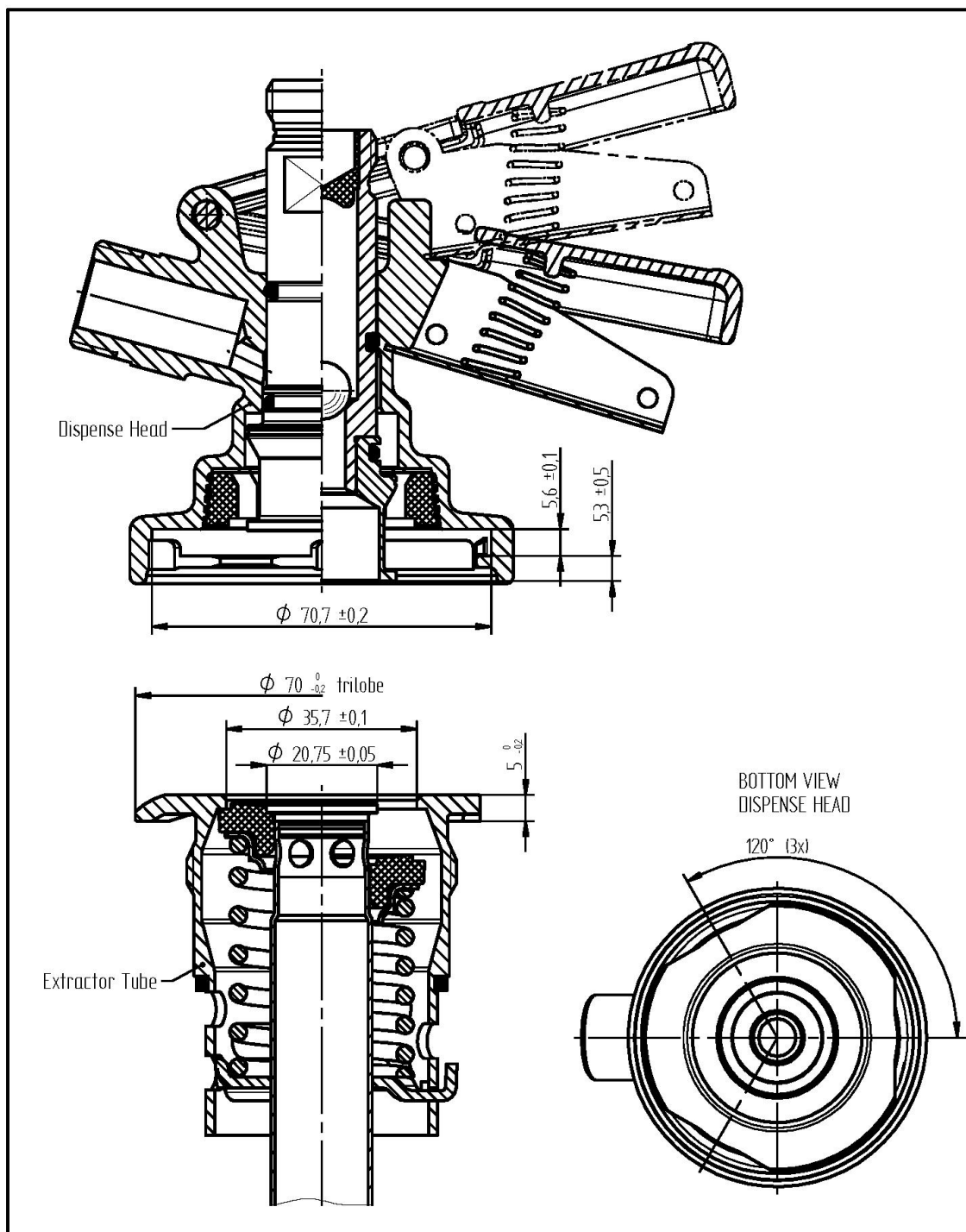


PRODUCT					TOLERANCES DIN ISO 2768-mH		LAST CHANGE		SCALE		WEIGHT VOLUME			
					ROUGHNESS DIN EN ISO 1302		- X Δ		MATERIAL					
					EDGES DIN EN ISO 13715									
						DATE	NAME		TITLE					
					DESIGN	26.03.2013	kunze		Flat Type Connection System AC FS					
					AM	4427								
					DATE	01.04.2020	kunze							
					LAST TIME	01.04.2020	kunze							
					FILE NAME: DH-AC-for-910441.dwg DRAWING NAME: 910441 Flat Type Connection System AC FS.dwg									
							PROJ. METHOD		FORMAT		DRAWING NUMBER		SHEET	
									A4		910441		1	
													3 SHT	
Δ	ALTERATIONS		DATE	NAME	AM	PROD. DEV.		GERMANY		REPL. -		REPL. BY -		

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CONNECTIONS

EXTRACTOR TUBE ET-AC FS / ET-GR FS



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PRODUCT				TOLERANCES DIN ISO 2768-mH		LAST CHANGE - X Δ	SCALE		WEIGHT VOLUME		
				ROUGHNESS DIN EN ISO 1302			MATERIAL				
				EDGES DIN EN ISO 13715							
					DATE	NAME	TITLE				
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				AM	4427						
				20	01.04.2020	kunze	FILE NAME: DH GR 10r 910446.asm DRAWING NAME: 910446 Connection System GR FS.dft				
				30	01.04.2020	kunze					
							PROJ. METHOD	FORMAT	DRAWING NUMBER	SHEET	
										A4	910446
ALTERATIONS				DATE	NAME	AM	REPL. -		REPL. BY -		
				PROD. DEV.		GERMANY			3 SHTS		



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