

363-1 | HCE25V | 369 | HCE25

BRUKSANVISNING • BRUGSANVISNING • KÄYTTÖOHJE • OPERATING INSTRUCTIONS

GEBRAUCHANWEISUNG • MODE D'EMPLOI • GEBRUIKSAANWIJZING

ISTRUZIONI PER L'USO • INSTRUCCIONES DE USO • INSTRUÇÕES DE USO

Thank you for the confidence you have shown in us by choosing a REHOBOT product. REHOBOT stands for products of high quality and we hope that you will have many years of satisfactory use from this product.

To avoid operating difficulties we recommend that you read through these instructions before using the product.

Technical description (Fig. 1)

363-1

Hydraulic side cutter equipped with built-in relief valve, which allows tool to be connected to a pump with a higher working pressure than the maximum working pressure of the tool.

Max. working pressure:	70 MPa (10150 psi)
Max. cutting force:	140 kN (14 tonnes)
Max. opening:	26 mm (1.02) in)
Weight:	8.5 kg (18.74 lbs)

369

Hydraulic side cutter.

Max. working pressure:	70 MPa (10150 psi)
Max. cutting force:	140 kN (14 tonnes)
Max. opening:	26 mm (1.02) in)
Weight:	6.7 kg (14.77 lbs)

Warning! Tool 369 is designed for a maximum working pressure of 70 MPa (10150 psi). Never connect the tool to a hydraulic pump without first checking that the working pressure of the pump does not exceed 70 MPa (10150 psi).

HCE25V

Hydraulic end cutter equipped with built-in relief valve, which allows tool to be connected to a pump with a higher working pressure than the maximum working pressure of the tool.

Max. working pressure:	70 MPa (10150 psi)
Max. cutting force:	90 kN (9 tonnes)
Max. opening:	25 mm (0.98) in)
Weight:	8.2 kg (18.08 lbs)

HCE25

Hydraulic end cutter.

Max. working pressure:	70 MPa (10150 psi)
Max. cutting force:	90 kN (9 tonnes)
Max. opening:	25 mm (0.98) in)
Weight:	7.0 kg (15.44 lbs)

Warning! Tool HCE25 is designed for a maximum working pressure of 70 MPa (10150 psi). Never connect the tool to a hydraulic pump without first checking that the working pressure of the pump does not exceed 70 MPa (10150 psi).

Connection to pump

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The tool is equipped with two 0.5 m long hoses and quick couplings to allow connection to a pump. The hose (marked "PRESSURE") that is connected to the pump pressure outlet is fitted with a male coupling. The return hose that is connected to the pump return connection is fitted with a female coupling.

The male and female couplings can only be connected when the hoses are depressurised.

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The tool is equipped with quick couplings (male couplings) to allow connection to a hose and pump.

Male and female couplings can only be connected when the tool is depressurised.

Operation

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The tool is operated using a control lever. Press the lever in to cut. Release the lever and the shears open to their original position.

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The tool is operated using the control device on the connected pump.

Safety features

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The tool is equipped with a built-in relief valve.

Safety

- Always wear suitable personal safety equipment, overall, helmet, visor or safety goggles, gloves, etc.
- Consider the risk of spark formation if you cut through electric cables. Always start work by making sure that the object to be cut is not connected to an electrical supply.
- Take great care when cutting springs or spring mountings. These are often under tension and may cause injury when they are freed.

- When cutting rivets, bolt heads or the like with HCE25V / HCE25, the tool should be fitted with a splinter guard to prevent cut-off rivets or bolt heads flying off. A splinter guard can be ordered as an original accessory (Part No. 375,56).

Maintenance

Check that the shears are not damaged. If they are chipped replace them! The shears will work if they are chipped but the stress concentration caused by such damage could mean that the shear will break next time it is used.

Oil the shears and lubricate moving parts with high grade lubricating grease.

Service

Replacing shears 363-1 / 369 (Fig. 2)

1. Remove the bolt and washer (item A), remove the lever (item B)
2. Remove the bolt and washer (item C), remove the locking washer (item D)
3. Remove the circlip and pin (item G), remove the moving shear (item H)
4. Remove the bolt, nut and guard (item J)
5. Unscrew the fixed shear (item K)

Reassemble in the reverse order. NOTE, lubricate all rubbing surfaces with high grade lubricating grease.

Replacing shears HCE25V / HCE25 (Fig. 3)

1. Remove the pins (item A)
2. Remove the shears (item B)

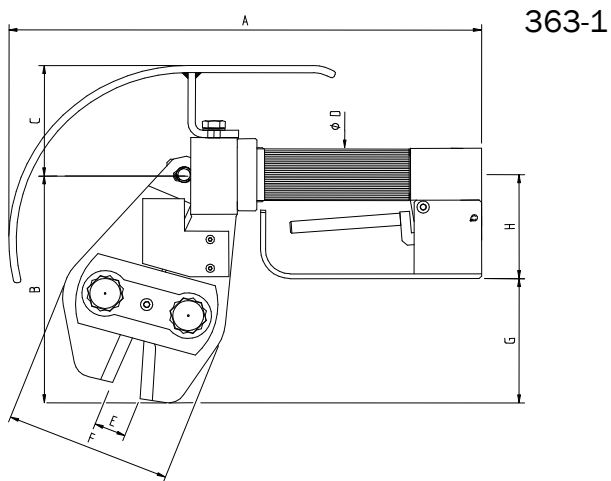
Reassemble in the reverse order.

Warning! The cutting edges must be adjusted so that the distance is 1-2 mm as per fig. 3 when the piston is pumped towards the stop.

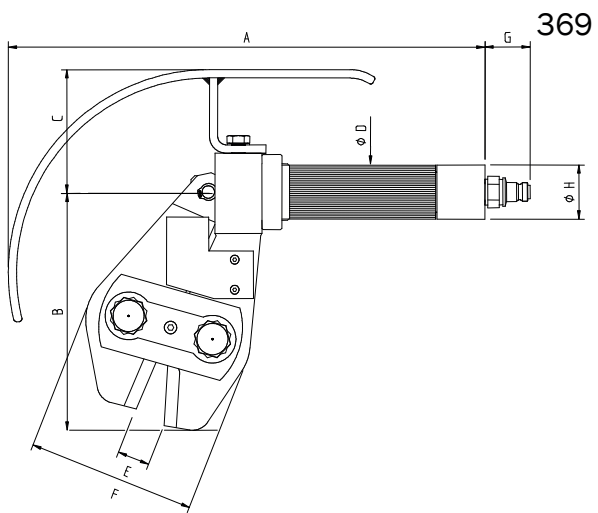
Adjustment of cutting edges HCE25V/HCE25 (Fig. 3)

1. Loosen the locking ring and pin (pos. E) to release the adjustable cutting edge (pos. F) from the piston.
2. Loosen the locking nut (pos. D) and turn the fixed shank (pos. C) until the desired distance is achieved.

Reassemble in the reverse order.

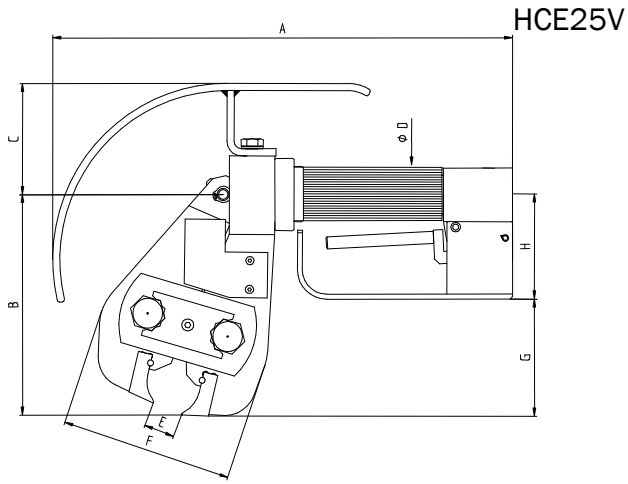


	mm	in
A	395	15.6
B	189	7.4
C	92	3.6
D	45	1.8
E	26	1.0
F	135	5.3
G	103	4.1
H	86.	3.4

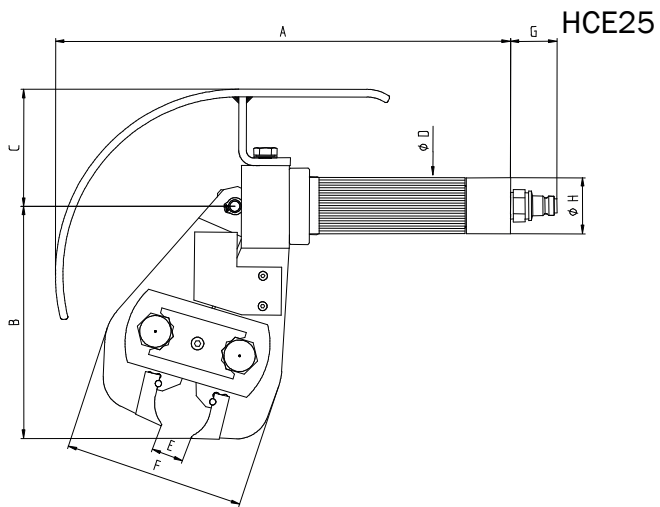


	mm	in
A	372	14.6
B	189	7.4
C	92	3.6
D	45	1.8
E	26	1.0
F	135	5.3
G	37	1.5
H	44	1.7

Fig. 1



	m	i
A	40	15.
B	18	7.
C	9	3.
D	4	1.
E	2	1.
F	19	7.
G	9	3.
H	86,	3.



	m	i
A	38	15.
B	18	7.
C	9	3.
D	4	1.
E	2	1.
F	19	7.
G	3	1.
H	44	1.

Fig. 1

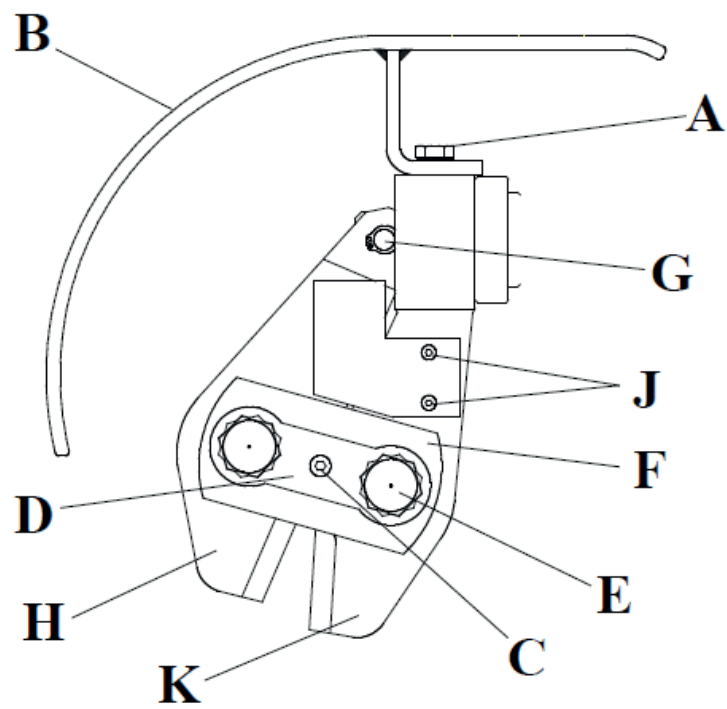


Fig. 2

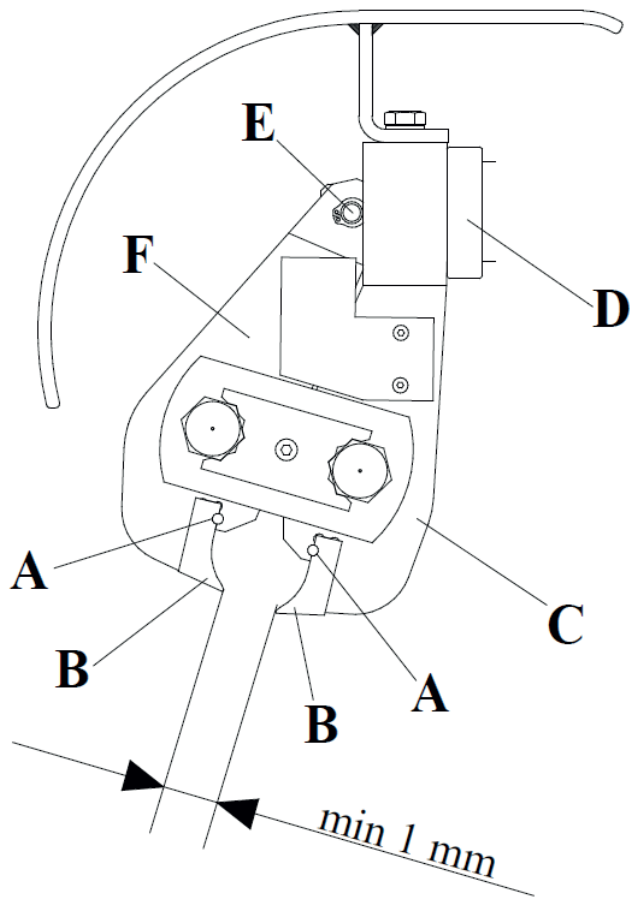


Fig. 3