

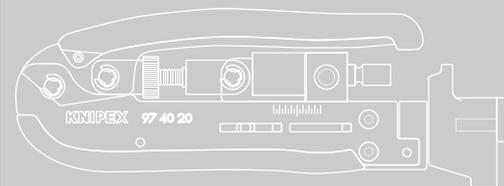
KNIPEX Quality – Made in Germany



Operating instructions

EN Compression tool
for coax connectors

97 40 20 SB



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1 General

1.1 Notes on operating instructions

These operating instructions are designed to enable you to use your tool safely and efficiently.

The tool may only be used if it is in technically perfect condition.

As a consequence of technical developments, the illustrations and descriptions contained in these operating instructions may differ slightly from the tool actually delivered.

We do not accept any liability for damage caused by failure to observe these operating instructions.

1.2 Symbols

All safety instructions in these operating instructions are indicated by corresponding symbols. The signal words at the beginning of each safety instruction express the extent of the hazard.



Danger!

Level 1 risk source

This combination of symbol and signal word indicates an imminently hazardous situation that will result in death or serious injury if not avoided.



Warning!

Level 2 risk source

This combination of symbol and signal word indicates a possibly hazardous situation that may result in death or serious injury if not avoided.



Caution!

Level 3 risk source

This combination of symbol and signal word stands for important information that will assist in preventing damage to property or the environment.

1.3 Copyright

These operating instructions and all documentation supplied with this tool are protected by copyright and remain the property of KNIPEX.

The reprinting of these instructions, even in extract form, is only permitted with the written consent of C. Gustav Putsch KG.

1.4 Guarantee and warranty

The manufacturer grants a statutory warranty in accordance with the current sales and delivery conditions. No further warranties or assurances are granted.

Within the warranty period, the warranty covers the rectification of all defects that can be traced back to material faults or manufacturing errors.

Wearing parts are excluded from the warranty.

The repair or replacement of a tool shall not result in an extension of the warranty period. Tools shall only be repaired or replaced with "as new" parts, whose function corresponds to that of the old parts. All defective and hence replaced parts are the property of the manufacturer.

Warranty claims shall expire in particular if:

- Damage is caused through improper operation, use for purposes other than those specified by the manufacturer, or poor maintenance.
- Repairs or conversions are carried out by unauthorized persons.
- No original accessories or spare parts from KNIPEX are used.
- Defective components are not repaired immediately to minimise the extent of the damage and so as not to impair the safety of the tool (obligation to repair).

For the rest, reference is made to the liability and warranty regulations of the current sales and delivery conditions.

2 Safety

2.1 Intended use

The tool is intended for the following uses:

Pressing compression plugs of types

- F
- BNC
- RCA

onto coax cables

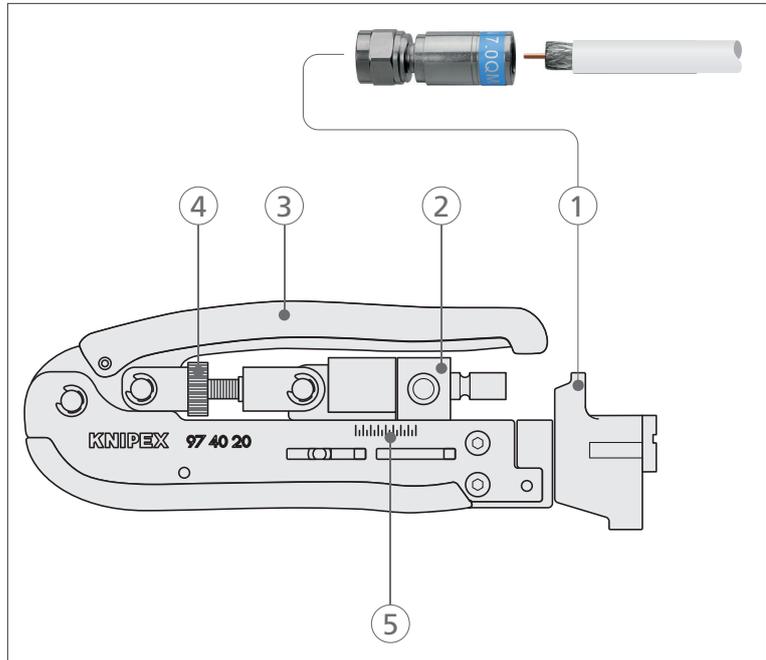
- RG 6
- RG 11
- RG 59

Any use beyond the intended purpose or any unauthorized modification shall be considered improper. The operator shall be liable for damages resulting from improper use.

Intended use also includes adhering to these operating instructions. They must be read in full before use.

3 Design and function

3.1 Design



Structure of the compression tool

Legend:

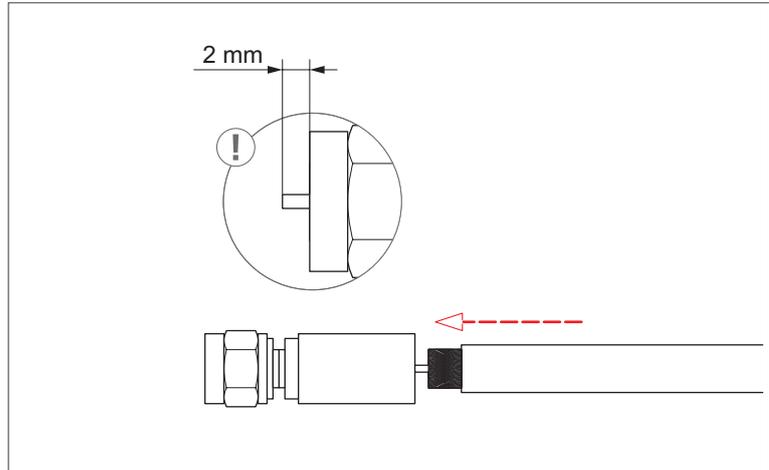
- 1 Cable holder with connector stop (rotates for different cable sizes)
- 2 Insert for different types of compression connector
- 3 Lever for pressing
- 4 Adjustment screw for different plug lengths
- 5 Scale for setting the plug length

3.2 Function

The compression tool is used to press compression plugs onto coax cables.

4 Operation

4.1 Preparing coax cables



Connecting the coax cable with the compression connector

Note:

Use the F-compression connector available from KNIPEX (97 99 500).



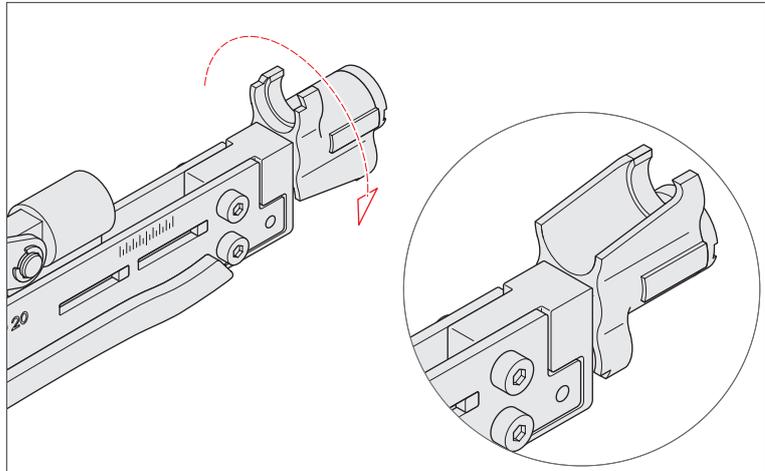
1. Push the coax cable into the compression connector with pressure as far as it will go.
2. Make sure that the inner conductor core protrudes a maximum of 2 mm beyond the plug.

Note:

Use one of the special stripping tools available from KNIPEX.

4.2 Preparing the tool

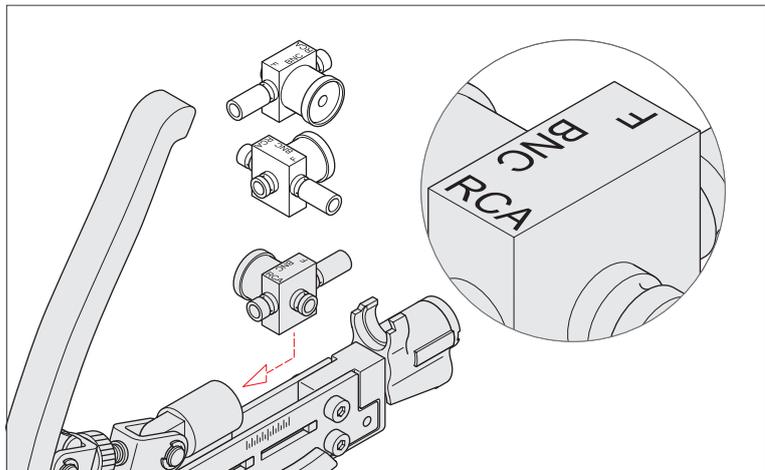
4.2.1 Adjust the cable holder with the connector stop



Set the cable holder with the connector stop to the cable type and connector type

1. Select the fitting that matches the coax cable and compression connector and turn it to face upwards.

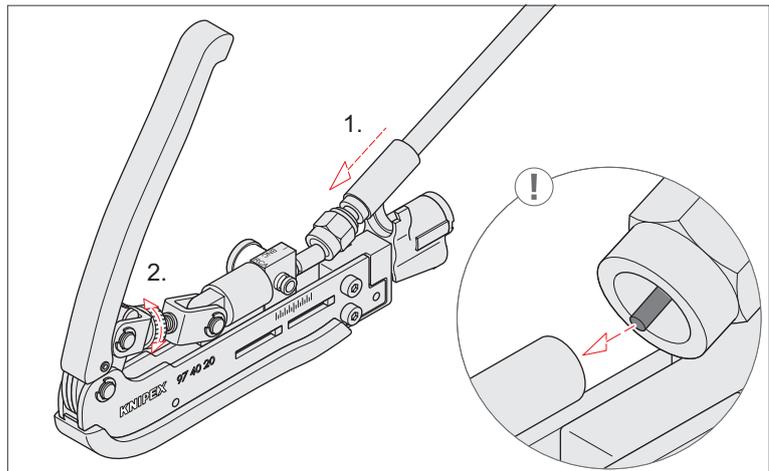
4.2.2 Insert the connector insert correctly



Inserting the connector insert in the correct position

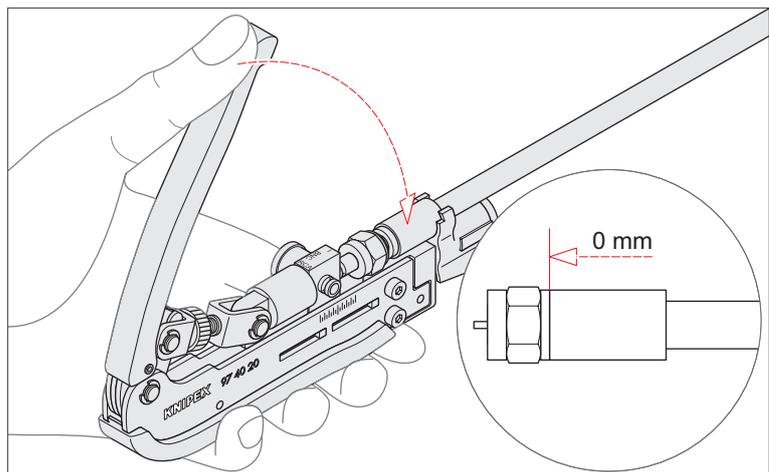
1. Select the position of the connector insert according to the connector type (F, BNC or RCA).
2. Insert the connector insert into the holder (type designation in the direction of the connector).

4.3 Pressing compression connectors onto coax cables



Inserting connectors

1. Place the coax cable with the compression connector in the holder and guide the inner conductor core into the opening of the insert.
2. Set the correct connector length on the adjusting screw.



Press the connector as far as it will go (gap closed)

3. Press the lever down to connect the compression connector with the coax cable.

5 Maintenance

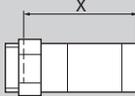
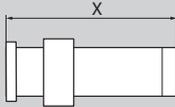
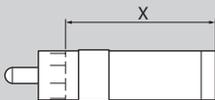
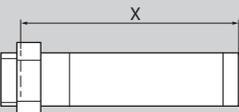
The tool is maintenance-free.

6 Technical data

6.1 Technical data

Technical data	Unit	
Article number	-	97 40 20 SB
Length	mm	175
Weight	g	430
Application	-	for F-, BNC- and RCA-connectors
Cable types	-	RG 6, RG 11, RG 59

6.2 Dimension "X" after pressing

	Connector	Dimension after crimping
	F (RG 6, RG 59)	17-24 mm
	BNC (RG 6, RG 59)	30-37 mm
	RCA (RG 6, RG 59)	22-29 mm
	F (RG 11)	35-42 mm

7 Disposal

The tool can be disposed of as household waste.



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