

1. Item description:

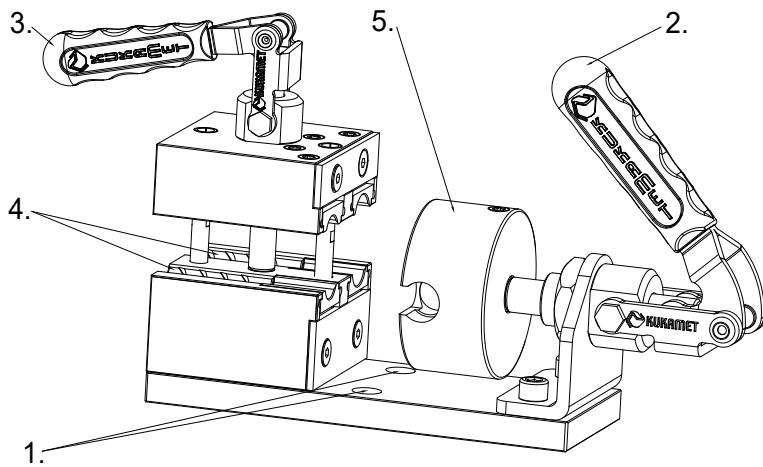


Fig.1

1.1. Fixing holes (Fig. 1: 1.):

The E 21990 hose assembly device can be fixed to a table via the fixing holes or clamped in a vice via the lateral surfaces of the base plate.

1.2. Push lever for adapter (Fig.1: 2.):

Used for pushing the coupler in the hose.

1.3. Clamping lever for hose (Fig.1: 3.):

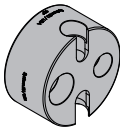
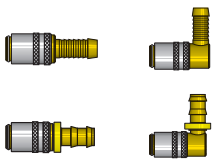




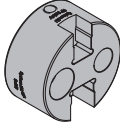
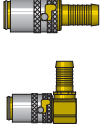



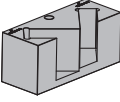
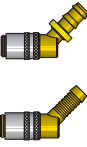


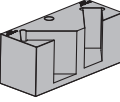


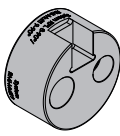
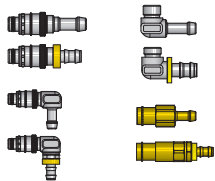




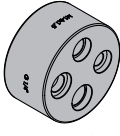
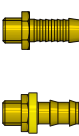
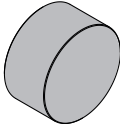
Used for fixing and clamping the hose.

1.4. Hose dimensions (Fig.1: 4.):

Coolant hose	Ø
E 2180	16.5
	21.5
E 2185	16
	20

i For deviating hose dimensions, tests and possible adjustments must be made.

1.5. Range of E 21992 adapters (Fig.1: 5.):

 E 21992/01		Adapter description	EU / USA system		EU / USA 90° system	
		Mountable couplers	 E 22005/ 9/10 E 2200/ 9/ 9 E 22005/13/13 E 2200/13/13	 E 23505/ 9.4/10 E 2350/ 9.4/ 9 E 23505/13.5/13 E 2350/13.5/13	 E 22045/ 9/10 E 2204/ 9/ 9 E 22045/13/13 E 2204/13/13	 E 23545/ 9.4/10 E 2354/ 9.4/ 9 E 23545/13.5/13 E 2354/13.5/13
 E 21992/02		Adapter description	EU / USA safety system		EU 90° safety system	
		Mountable couplers	 E 22006/ 9/ 9 E 22006/13/13	 E 23506/ 9.4/ 9 E 23506/13.5/13	 E 22046/ 9/ 9 E 22046/13/13	
 E 21992/03		Adapter description	EU / USA 45° system			
		Mountable couplers	 E 22025/ 9/10 E 2202/ 9/ 9 E 22025/13/13 E 2202/13/13	 E 23525/ 9.4/10 E 2352/ 9.4/ 9 E 23525/13.5/13 E 2352/13.5/13		
 E 21992/04		Adapter description	EU 45° safety system			
		Mountable couplers	 E 22026/ 9/ 9 E 22026/13/13			
 E 21992/05		Adapter description	RPL 8 system	RMI-Multi 9 system	RPL 8-90° / RMI-Multi 9-90° system	
		Mountable couplers	 E 28205/ 8/... E 2820/ 8/...	 E 28336/ 9/... E 28335/ 9/...	 E 28215/8/... E 2821/8/...	 E 28315/3/8/... E 28314/3/8/...
 E 21992/06		Adapter description	G 1/8", M10	G 1/4"	M14	G 3/8"
		Mountable threaded nozzles	E 20405/10/1/8 E 2040/ 9/ 10 E 2040/ 9/1/8	E 20405/13/1/4 E 2040/13/1/4	E 2040/13/ 14	E 20405/13/3/8 E 2040/13/3/8
 E 21992/07	For in-house production of the recess					

2. Application:

2.1. Select the suitable adapter from the table in point 1.5 and attach it to the mandrel of the actuating lever for the adapter (Fig.1: 2.).

2.2. Insert the coupler into the matching recess of the adapter and twist the adapter to the desired hose position.

Please note:

When using the E 2190 ferrule, E 2192 2-lug hose clamp, or E 2194 hose clamp, they must be attached to the hose in advance.



2.3. Cut the end of the coolant hose (E 2180, E 2185) to be mounted at a right angle. We recommend using our V 20420 hose and pipe cutter for this.



2.4. Put the coolant hose in the appropriate recess (Fig.1: 4.) and clamp it with the clamping lever (Fig.1: 3.).

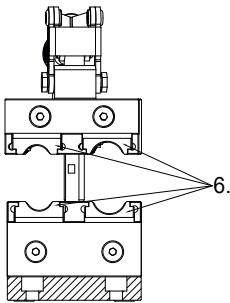
The hose end should protrude max. 3 cm from the opening in the direction of the adapter.



Tip:

For even easier assembly, we recommend dipping the end of the hose to be assembled in soapy water beforehand.

Then dry the outer diameter of the hose and insert it into the recess (Fig.1: 4.) of the hose mounting device.



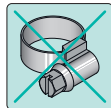
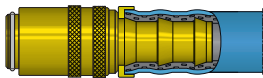
When assembling the E 2180 coolant hose with the E 2190 ferrule, the jaw inserts (Fig.2: 6.) must be removed beforehand.

Figure. 2

2.5. After that, operate the adapter push lever (Fig.1: 2.) and press the coupler into the hose.

Depending on the adapter, the nozzle of the coupler may have to be pre-centred manually before pressing it into the hose.

3. Safety instructions:



Only quick-fit nozzles may be used with a quick-fit coolant hose (E 2185). Additional clamps are not permitted and would damage the hose.