QUADRA DN6

The **QUADRA DN6** flexible thermoplastic hose is the latest QUADRA development in the world of flexible hoses for air conditioning and refrigeration systems.

The **QUADRA DN6** is characterized by an internal diameter of 6 mm, and therefore they can substitute copper rigid tubing of OD 8 mm or 5/16".
The larger internal diameter reduces the pressure drop and makes the use of this hose possible on larger systems for the oil return lines and for the oil equalization systems.

The crimping fittings for the **QUADRA DN6** hose are available with connections of 1/4" SAE and 3/8" SAE and can be connected to the hose using the same hydraulic pliers RXA005 as used with the QUADRA DN4 hose. For large scale production it is now possible to use the new worktop crimper RXA006-RXA008 which easily crimps the fittings for QUADRA DN2, DN4 e DN6 hoses.

TECHNICAL DATA

PERFORMANCE and condition of use

part number	pack	DN	OD	WP bar	WP MPa	WP psi	BP bar	BP MPa	BP psi	WT min°C	WT max°C	BEND RADIUS mm	CRIMPING DIAMETER Ø mm	CRIMPING DIAMETER Ø mm	CRIMPING DIAMETER Ø mm
0786C 0786BC	50 m	DN6	10,9	120	12,0	1740	600	60	8700	-45°	+130°	35	NA	12,4±0,1	12,4±0,2
0786K 0786BK	10 m														

Classification of QUADRA capillary hoses

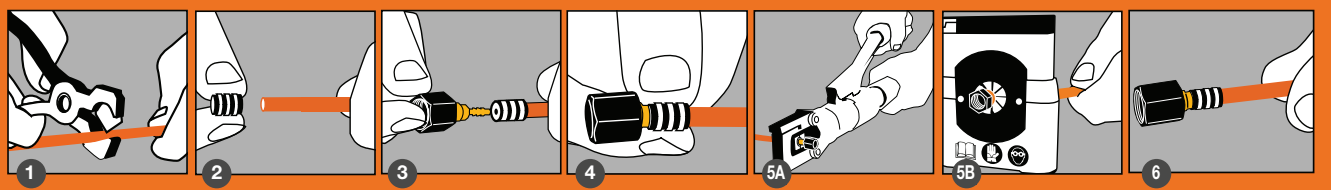
according to Directive 97/23/CE

PART NUMBER	CLASSIFICATION
0786C 0786BC 0786K 0786BK	paragraph 3 article 3

PERMITTED FLUIDS

Type of Gas	Type of Oil
HFC (R134a, R404A, R407A, R407B, R407C, R410A, R507)	polyol ester based
HCFC (R22)	mineral oils
CO_2	polyol ester based

Assembly instructions for crimping fittings for QUADRA DN6 capillary hose

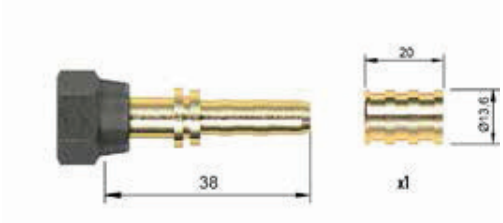


1. Cut the QUADRA capillary hose to the required length using the special WXA004 cutter.
2. Slip the nut over the hose (depending on fitting type). Ensure that the threaded side is pointing towards the end of the hose that needs assembling.
3. Assemble the insert together with the nut onto the hose end.
4. Pay attention not to move the components already fitted and slide the ferrule over the hose towards the insert positioning it in line with the insert.
5. Crimp the ferrule with our hand pliers type RXA005, up to the limit stop of the pliers: once the optimal deformation has been achieved the pliers will open automatically.
6. Crimp the ferrule with our crimper RXA006-RXA008. Keep the lever pulled.
   Once the optimal deformation has been achieved the crimper will stop automatically.
7. The assembling is finished and the eventual nut can easily slide over the ferrule: check the correct positioning of the components and make sure the entire surface of the ferrule has been swaged.

Note:

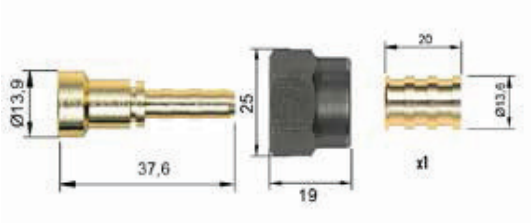
ATTENTION: Once the hose assembly connected to the machine, do not move or rotate it, otherwise you risk loosening the nut or damaging the fitting by compromising its tightness. In case you have to modify the orientation of the coupling, unscrew the nut, position the hose assembly, then tighten the nut again respecting the torque value of 16/18 N·m, max 20 N·m.

1/4 SAE Straight Female Fitting



Part number	XBA02N	WBA02N	KBA02N
Pack	50 pcs	50 pcs	10 pcs
Copper gasket	◎	✕	✕

3/8 SAE Straight Female Fitting



Part number	XBA04N	WBA04N	KBA04N
Pack	50 pcs	50 pcs	10 pcs
Copper gasket	◎	✕	✕

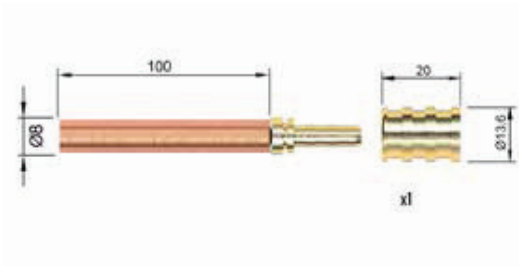
1/4 SAE Elbow Female 90°

Part number	XCA02N	WCA02N	KCA02N
Pack	50 pcs	50 pcs	10 pcs
Copper gasket	◎	✕	✕

3/8 SAE Elbow Female 90°

Part number	XCA04N	WCA04N	KCA04N
Pack	50 pcs	50 pcs	10 pcs
Copper gasket	✕	✕	✕

Copper Brazing Fitting (6x8x100 mm)



Part number		WZE2N1	
Pack		50 pcs	
Copper gasket			