

TECHNICAL DATA

PERFORMANCE and condition of use

part number		DN	OD	WP			BP			WT		BEND RADIUS mm	CRIMPING DIAMETER 0 mm	CRIMPING DIAMETER 0 mm
50m	10m			bar	MPa	psi	bar	MPa	psi	min °C	max °C			
0789C 0789BC	0789K 0789BK	DN4	8,3	120	12,0	1740	600	60	8700	-45°	+130°	25	NA	9,8-0,1

Classification of QUADRA capillary hoses

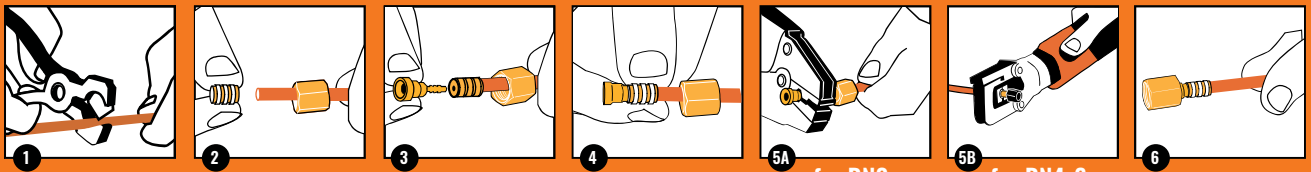
according to Directive 97/23/CE

PART NUMBER	CLASSIFICATION
0789C 0789BC 0789K 0789BK	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
R744	polyol ester based

Assembly instructions for crimping fittings for QUADRA DN4 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 the assembling.

3 When pushing the ferrule over the hose end, ensure its correct positioning, in line with the hose end. Push the insert into the hose end you want to assemble.

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.

5A Crimp the ferrule with our hand pliers tupe RXA007, up to the limit stop of the pliers: once the optimal deformation has been achieved the pliers will open automatically.

5B Crimp the ferrule using our pliers cod. RXA010. The deformation is achieved when the plier release.

6 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:

Once the hose has been installed in the system, do not move or rotate it, to avoid unscrewing of the nut or damaging the fitting and the risk of leakage. Do not exceed maximum performance limits. Respect the nut torque value: - Torque wrench 14 7/16" - 20 UNF for 1/4" SAE connections | 16 ± 18 N-m. Do not exceed 20 N-m - Torque wrench 22 5/8" - 18 UNF for 3/8" SAE connections | 30 ± 32 N-m. Do not exceed 34 N-m.