



TECHNICAL DATA SHEET

SK2VV232-16

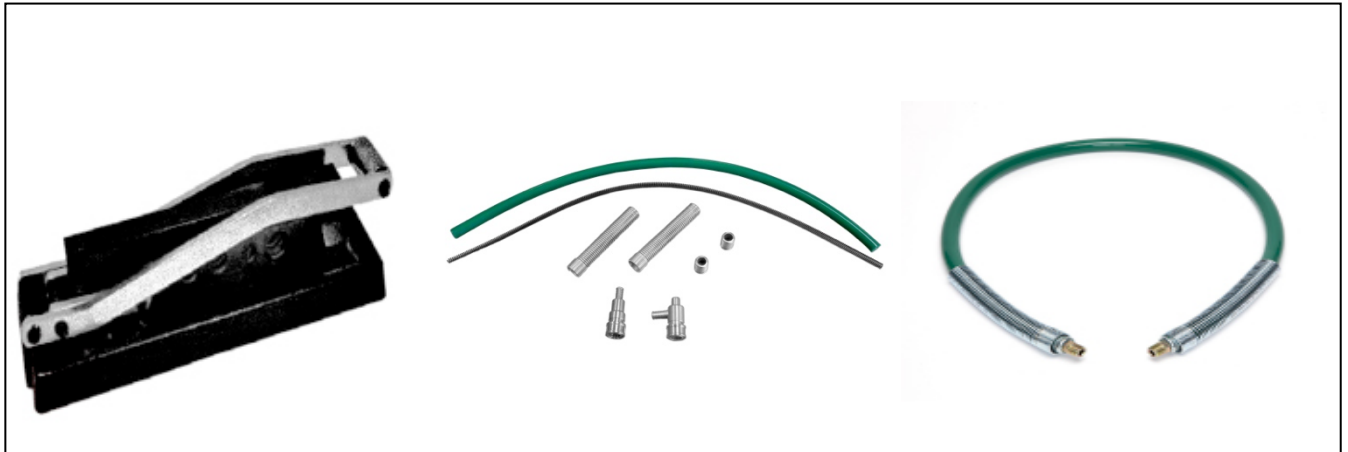
Swaging and Hose Assembly

► DESCRIPTION

The Swaging machine allows hose crimping to be done on hose assemblies with either 3/8" or 1/2" hose. The unit is suitable for new assemblies and for hose repairs.

The swaging machine is compact, lightweight and easy to use.

This product is used in various manufacturing processes of parts made of composite materials.



► HOSE ASSEMBLY

Before operating the hose crimping machine, close the crimper and adjust the screw opposite the end where the handle attaches until the screw just touches the end stop. Never turn the screw tighter than this. The screw should be looser if the hose barb fits very tightly and the ferrule is close-fitting.

- Cut the hose to the final hose length desired
- Cut the stainless steel spiral 5 cm longer than the hose
- Place ferrule on the hose
- Screw the barbed fitting on the stainless steel spiral and insert the barb inside the hose
- Open the hose crimping machine by raising handle
- Place hose into the crimping machine, centering the ferrule on the appropriate die
- Press down on handle until it hits the end stop. Lift up and rotate hose 90 °
- Once crimped the coupling will be difficult to rotate by hand



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For making new standard hose you will need 4 items:

Reference	Description	Unit	Quantity for one hose
SK2VV232-11	Brass hoesetail, thread NPTM 1/4", hose i.d. 3/8"	pcs	2 pcs
SK2VV232-12	A light weight ferrule to secure a house coupling	pcs	2 pcs
SK2VV232-14	External spring, provides support to the swaged area and prevents kinking, silver	pcs	2 pcs
SK2VV232-18	Silicon hose with integrated reinforcing internal spring inside, T=232°C	linear meter	(consumption depending on desired hose length)

For making new full assemblies hose you will need 4 items:

Reference	Description	Unit	Quantity for one hose
SK2VV232-8	SK2VV232-8STR - QRC straight socket connector, coupling size: 1/4 inch, core size: 3/8 inch or SK2VV232-8C90 - QRC elbow (90°) socket connector, coupling size: 1/4 inch, core size: 3/8 inch	pcs	2 pcs
SK2VV232-12	A light weight ferrule to secure a house coupling	pcs	2 pcs
SK2VV232-14	External spring, provides support to the swaged area and prevents kinking, silver	pcs	2 pcs
SK2VV232-18	Silicon hose with integrated reinforcing internal spring inside, T=232°C	linear meter	(consumption depending on desired hose length)

Storage conditions: it is recommended to store at temperature from -20°C until +30°C in the original packing.

► NOTE

Recommended maintenance interval: 1000 hours based on operating temperatures up to 180°C when using with our connections.