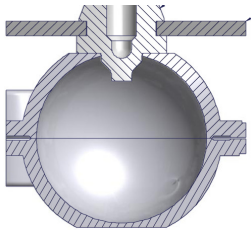


## Knob sheets for spinning hollow objects

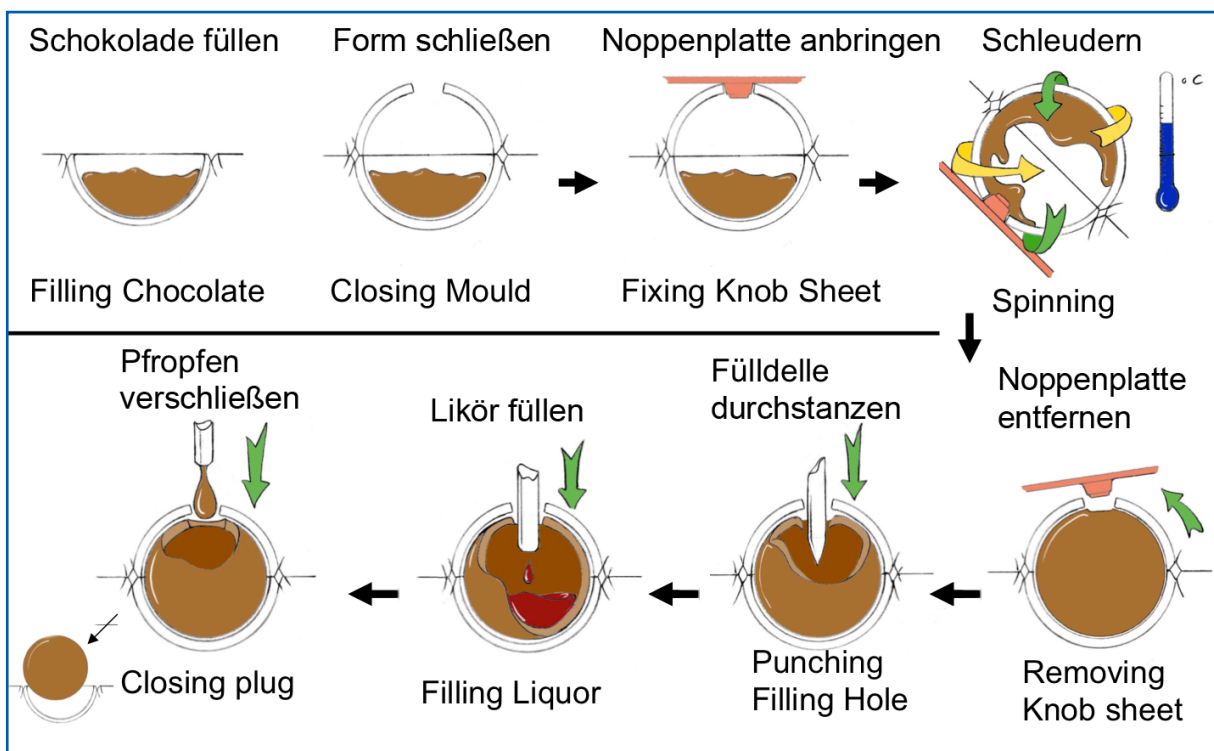


**BRUNNER** now offers its own knob sheets and replacement knobs for spinning moulds. Knob sheets and knobs serve as replacement parts for "HYDO" systems, which are still used on a large scale in the industrial production of hollow objects. In addition, we use these components in the development of new moulding systems.

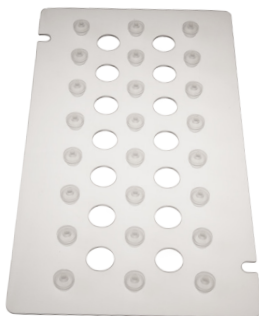
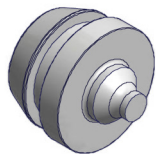
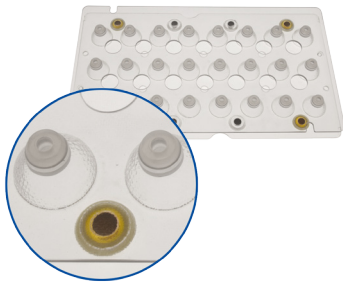


The flexible silicone knobs are inserted into a plastic sheet which is an exact match for the 8 mm fill openings of the hollow object mould. This creates a perfect seal with the hollow object mould for spinning.

Also, the knobs create depressions or openings for the subsequent filling of the hollow object.



## Knob sheets for spinning hollow objects



The attachment of the knob plates is done by pressing them into the spinning cages used in the Hydo systems. Other mould concepts involve the use of magnets that are built into the knob sheets to attach them to the moulds.

Our knobs are made of food-grade silicone, are extremely flexible and temperature-resistant. They have a very good fit with the mould openings and form a perfect seal. For you, this means the highest level of process reliability.

Our knobs and knob sheets can be used both in conjunction with thermopress moulds and injection moulds.

If you already work with knob sheets, the replacement of knobs is generally not a problem. The knobs are compatible with all sheets we are familiar with.

For Hydo systems belonging to Series 18 or 36 and 24 or 48, we provide standard knob sheets according to the table below. Other sheets are custom-made. We would be glad to send you a drawing or a sample for you to check if the knob sheets match your moulds.

List of Hydo 18 / 24 knob sheets

Article number	NP-Hydo-24/24	NP-Hydo-24/48	NP-Hydo-18/18	NP-Hydo-18/36-1	NP-Hydo-18/36-2
Designation	Knob sheet Hydo 24	Knob sheet Hydo 24	Knob sheet Hydo 18	Knob sheet Hydo 18 for	Knob sheet Hydo 18 for
	for 24 articles per mould	for 48 articles per mould	for 18 articles per mould	36 articles per mould , straight	36 articles per mould, offset
Length /width	378x214mm	378x214mm	288x214mm	288x214mm	288x214mm
Spacing X	45	45	45	45	45
Spacing Y	60	30	60	30	30

Knobs for HYDO knob sheets have the article number **M-EF-Noppe-01-18**

A flyer with information on all available standard HYDO moulds will be published soon!