
Press Release

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Expansion Spool PI 20-06

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Uhing novelty is spreading

The “expansion spool” warrants sustainability and ease of operation for winding applications and is based on the known Uhing-easylock® fast-action clamping system.

It expands, increases its diameter and is then ready to take up material wound on it. By unlocking the positive release variant of the Uhing-easylock®, the spool reduces its diameter, and the material wound on it can be easily stripped off its core.

“It was the idea of one of our customers that led to this simple solution”, explains Wolfgang Weber, Uhing’s Managing Director, “and this purely mechanical implementation featuring a long-time Uhing product - the tried and tested Uhing-easylock® - offers ease of use and prevents additional waste.”

The areas of application for the new expansion spool are: coreless winding, winding of faulty material or winding of edge trim or superfluous material for recycling. As it can be reused, the expansion spool, in contrast to pneumatic solutions, offers the benefit of low energy requirements – it works purely mechanical and does not require any additional cardboard or wooden cores that must be separated from the wound material during recycling. This sustainable solution saves working time and resources because the spool – once purchased – can be reused again and again.

At present, we offer the new expansion spool in three sizes for shaft diameters of 15, 20, and 25 mm and winding capacities of 1050 to 4400 cm³. As known from the Uhing-easylock®, operation is simple: clamping and unclamping without tools and with only one hand.