

OK-VISE®

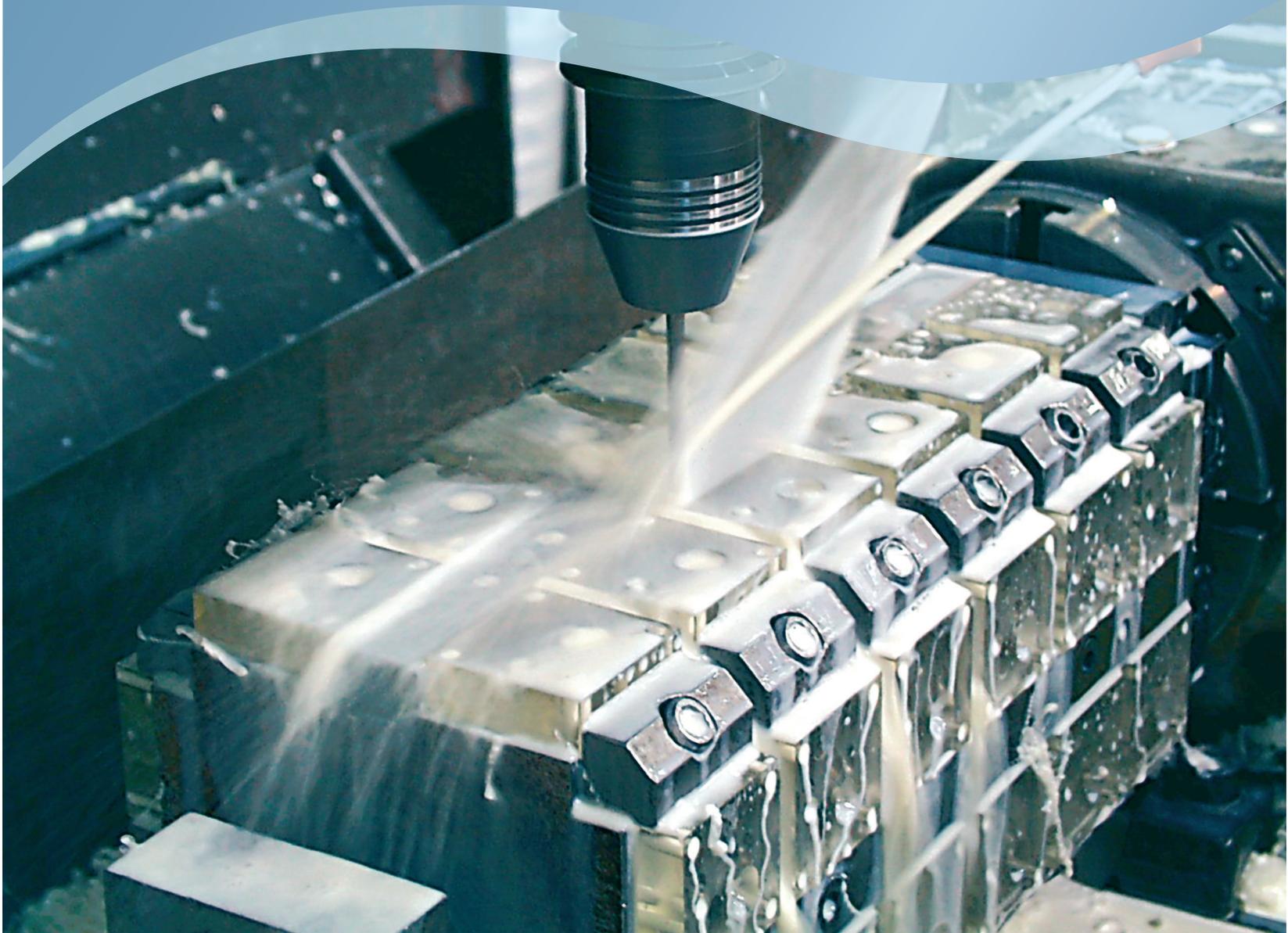
RPS-2T – Rotary Pallet System

OK-VISE rotary columns are made of aluminium and they come with steel corner clamps. They function as a trunnion unit between the indexer and tail support.

This new system makes efficient use of the machinable area a reality, ultimately leading to savings in tool changes, less

operator interventions, and extended cycle times.

The most important feature is the opportunity to use subplates, resulting in a significant reduction in machine stop times. This is critical, especially in vertical machining centers.

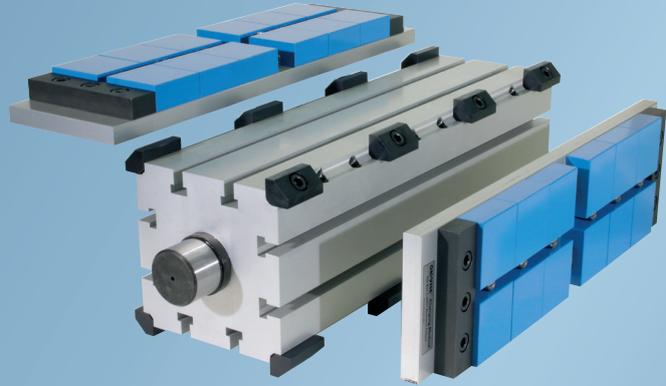


RPS-2T – Rotary Pallet System

SUB-PLATE

Sub-plates complete the unique structure of the OK-VISE rotary pallet system. Rather than mounting the workholding directly on a column, the workpieces and clamps can be mounted on sub-plates that in turn are mounted on the column's faces with corner clamps. Using sub-plates reduces machine stop times dramatically and makes loading and unloading parts a matter of seconds rather than minutes.

Specially fitted aluminium sub-plates are available for each trunnion unit. The thickness of the plate is 22 mm.



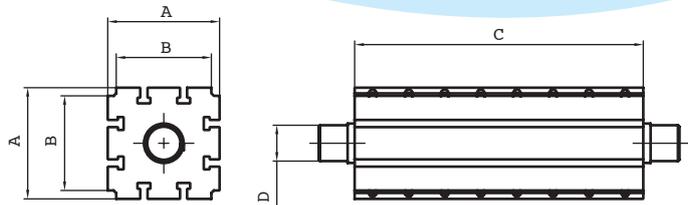
A standard RPS has 2 T-slots on each side of the column and M10 threads in its corners 50 mm apart. This offers several different clamping possibilities even when sub-plates are not being used.

The two most typical cases are:

- Longitudinal pressing force along the column:
- Fixed stopper with OK-VISE low-profile clamps

Cross direction power:

- One workpiece is clamped with two corner clamps



| Type | A | B | C | D | T-slot |
|----------|--------|--------|--------|-------|--------|
| RPS-2T30 | 155 mm | 132 mm | 300 mm | 50 mm | M8 nut |
| RPS-2T40 | 155 mm | 132 mm | 400 mm | 50 mm | M8 nut |
| RPS-2T50 | 155 mm | 132 mm | 500 mm | 50 mm | M8 nut |

CORNER CLAMPS

Steel-made Corner clamps are designed for M10 socket head screws. Corner clamps are soft and, if necessary, they can be machined into different shapes according to the geometry of the workpiece. CC-1 is 49 mm long.



FIXED STOPPERS

Our fixed stoppers are specifically designed for OK-VISE rotary columns. Columns can be equipped with unique fixed stoppers optimized for the system. These stoppers are sized to make it possible to shape them according to the workpiece if necessary.



ADAPTER

The adapter plate is designed to align and lock the rotary column to a 4th axis indexer. At the same time, it functions as a precise fixed stopper at the other end of the column. The adapter plate is heat treated and has a black oxide finish.

