



Clamping pillars

Clamping pillars for rotary
tables

Hand in hand for tomorrow

Clamping pillars for rotary tables

SCHUNK clamping pillars are fully configured clamping solutions, specially designed with an interface for all conventional dividing heads. For multiple clamping in particular, solutions are available with the proven SCHUNK double vise KONTEC KSC-D or the clamping rails KONTEC KSM2.



Advantages – Your benefits

- + Preconfigured clamping pillars**
Ready for immediate use
- + Stable hollow body design**
High rigidity and excellent vibration damping
- + Rectangularity to base plate of 0.01 mm to 200 mm**
High base accuracy, no additional surface grinding of tombstone necessary
- + Standardized pallet sizes**
In Ø 260, Ø 280, and Ø 320 mm for all common dividing heads

Tombstone designs

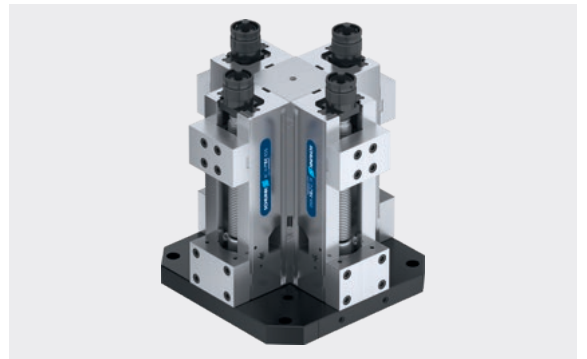
VERO-S tombstones

VERO-S tombstones are equipped with VERO-S NSE-T3 138-V1 modules. This means that clamping devices can be mounted via clamping pins in a matter of seconds with extremely high repeat accuracy.



Tombstones with clamping devices

Tombstones with clamping vises are fully configured, standard clamping solutions. This means that they can be immediately put into operation.



Tombstones without clamping devices

Tombstones without clamping devices are blank tombstones. Depending on the application, these can be designed with raw clamping surfaces or various bore hole grids.



Clamping pillars for rotary tables

Clamping pillars are preconfigured tombstones that can be mounted directly on dividing heads as a fourth axis.



Tombstone shapes

Double angle tombstones

Double angle tombstones mean that clamping devices can be mounted from two sides. These tombstones are available with VERO-S tombstone modules, rough clamping surfaces, bore hole grid of 50 mm, and a reduced bore hole grid especially for SCHUNK clamping devices.



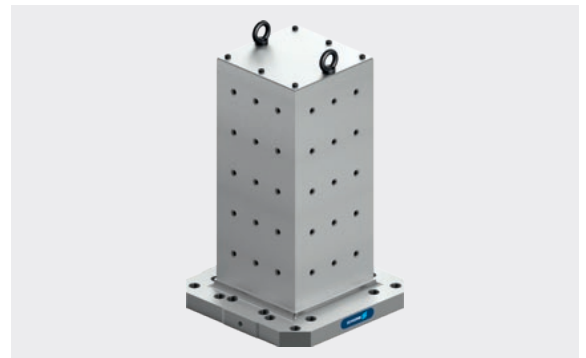
Triangle tombstones

Triangle tombstones mean that clamping devices can be mounted from three sides. These tombstones are available with VERO-S tombstone modules, rough clamping surfaces, bore hole grid of 50 mm, and a reduced bore hole grid especially for SCHUNK clamping devices.



Cube Tombstones

Cube tombstones mean that clamping devices can be mounted from four sides. These tombstones are available with rough clamping surfaces, bore hole grid of 50 mm and a reduced bore hole grid especially for SCHUNK clamping devices.



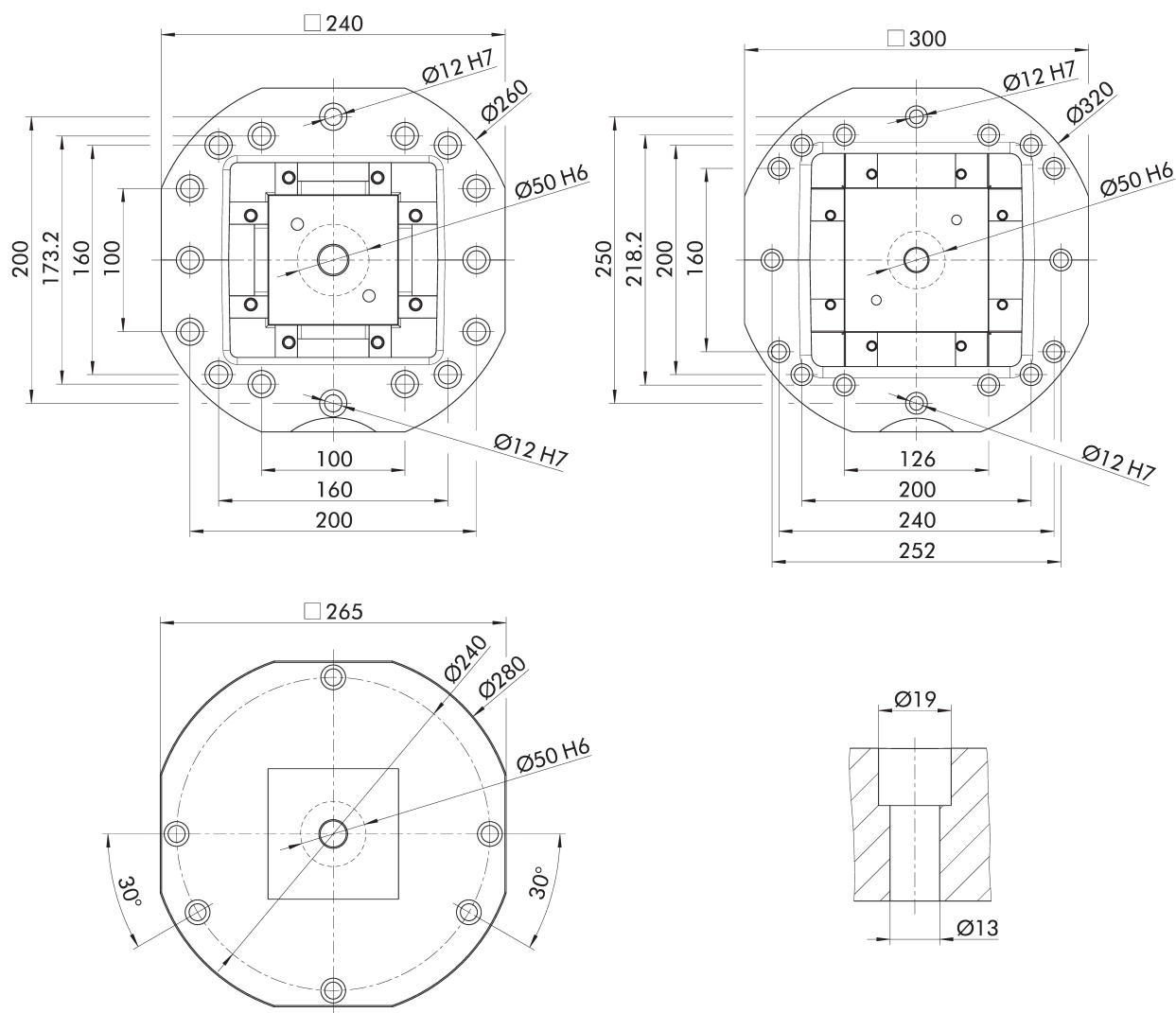
Octangle / Cross tombstones

Octagonal or also cross tombstones mean that clamping devices can be mounted from four to eight sides. These tombstones are available with VERO-S tombstone modules, rough clamping surfaces, bore hole grid of 50 mm, and a reduced bore hole grid especially for SCHUNK clamping devices.



Interfaces

- The drawing shows all important connection and bore dimensions for clamping pillars.
- Connection dimensions for pallet sizes $\varnothing$ 260 mm, $\varnothing$ 280 mm and $\varnothing$ 320 mm.
- Dimensions apply to all clamping pillars listed in this chapter.



Subject to technical changes.

Clamping pillar with double-acting vises KSC-D

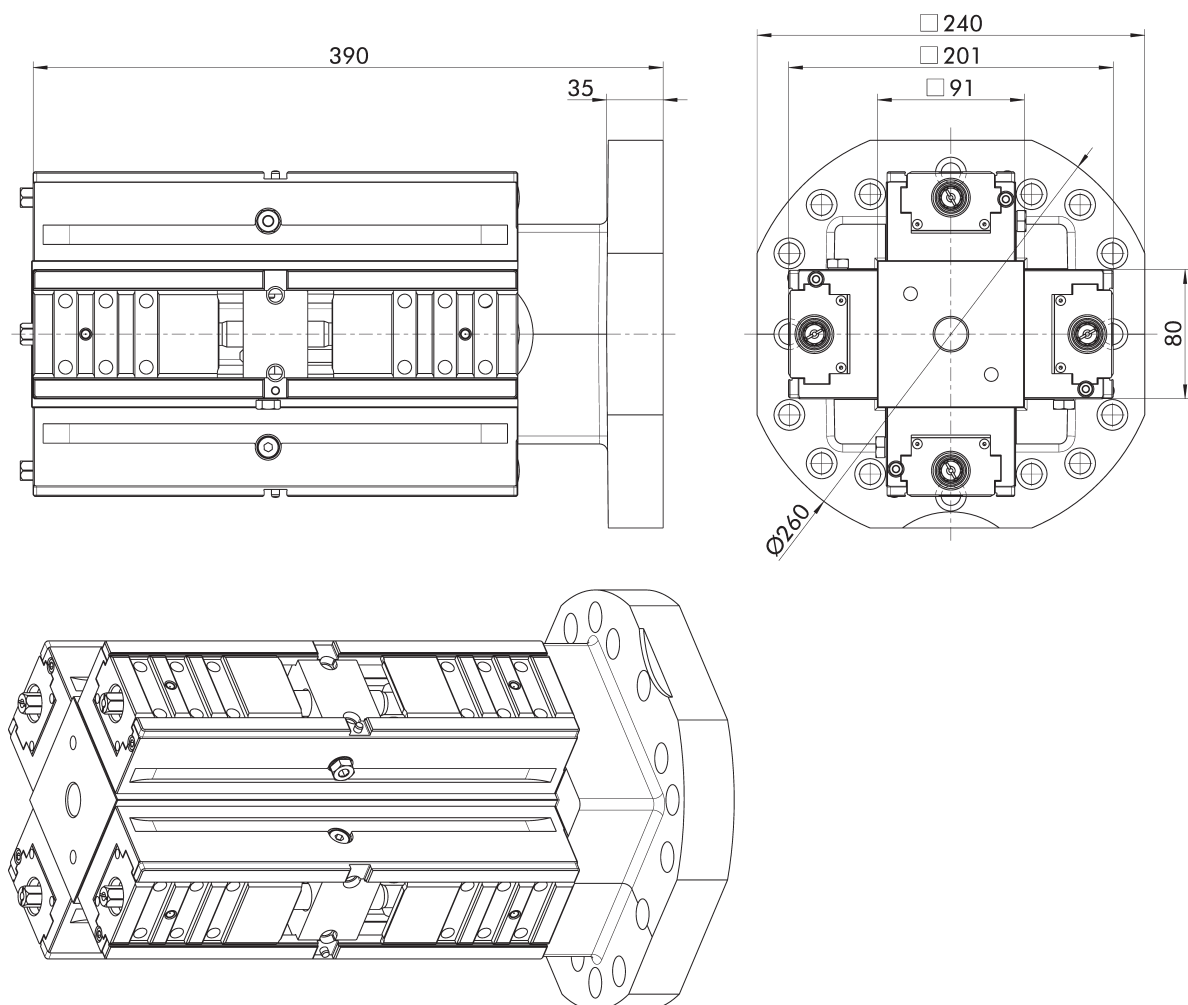
Clamping pillar with four double-acting vises KSC-D 80-300

Scope of delivery

Clamping pillar, vise, transport screw, operating manual; without system jaws

Technical data

Description	ID	Max. clamping force [kN]	Max. torque [Nm]	Weight [kg]
SAT-KSC-D 80-300 4V Ø260	1352146	25	90	68
SAT-KSC-D 80-300 4V Ø260-B	1352147	25	90	68



Clamping pillar interface to the dividing head see page 771.
Subject to technical changes.

Clamping pillar with double-acting vises KSC-D

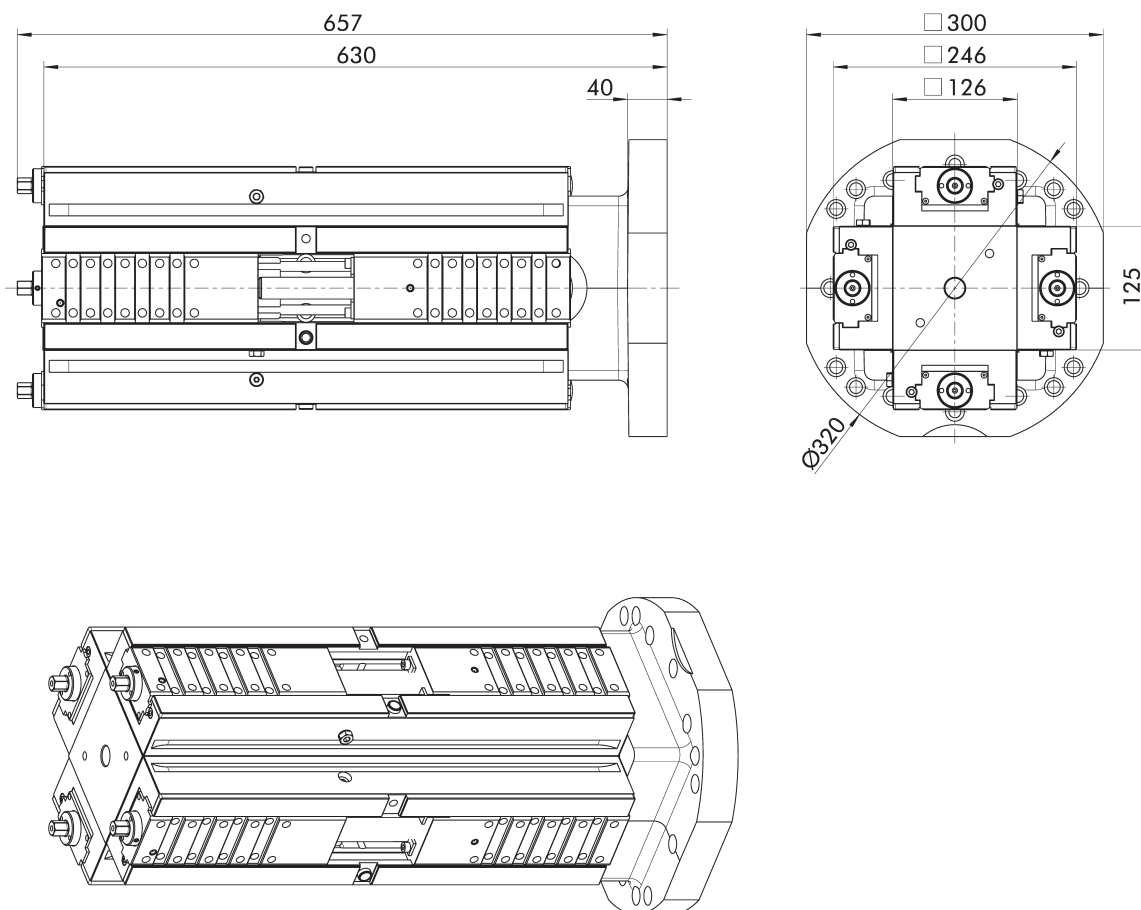
Clamping pillars with four double-acting vises KSC-D 125-530

Scope of delivery

Clamping pillar, vise, transport screw, operating manual; without system jaws

Technical data

Description	ID	Max. clamping force [kN]	Max. torque [Nm]	Weight [kg]
SAT-KSC-D 125-530 4V Ø320	1352173	40	100	190
SAT-KSC-D 125-530 4V Ø320-B	1352174	40	100	190



Clamping pillar interface to the dividing head see page 771.
Subject to technical changes.

Clamping pillar with clamping rails KSM2

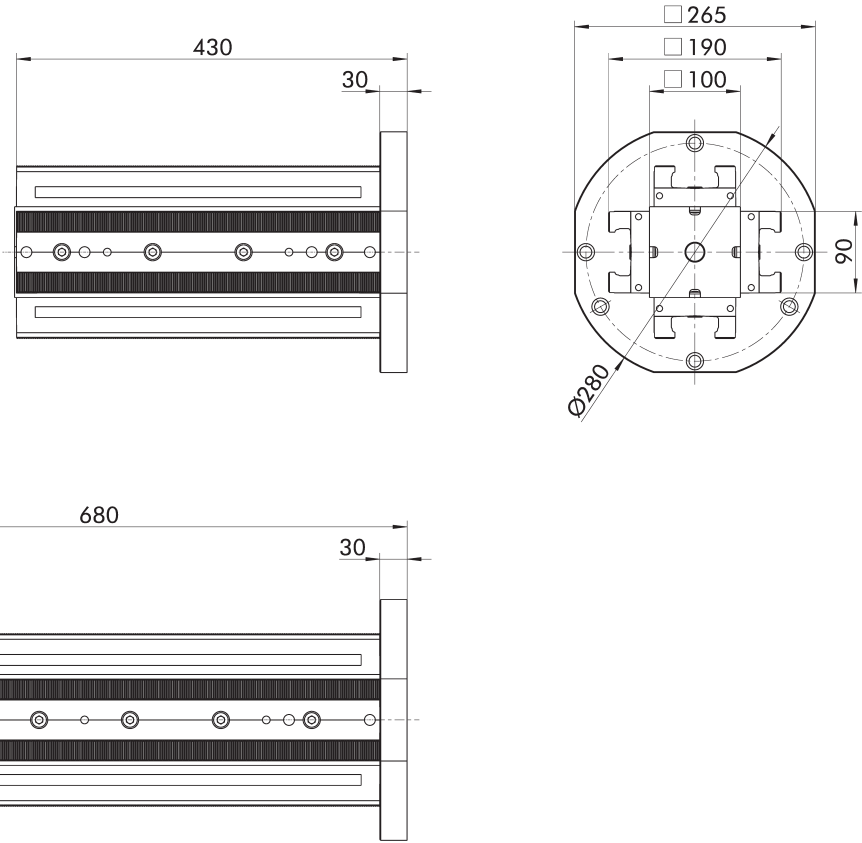
Clamping pillar with four clamping rails KSM2 90-400 or KSM2 90-650

Scope of delivery

Clamping pillar, clamping rails, transport screw, operating manual; without system jaws

Technical data

Description	ID	Max. clamping force [kN]	Max. torque [Nm]	Weight [kg]
SAT-KSM2 90-400 4V Ø280	0490743	30	50	73
SAT-KSM2 90-650 4V Ø280	0490744	30	50	110



Clamping pillar interface to the dividing head see page 771.
Subject to technical changes.

Clamping pillar with clamping rails KSM2

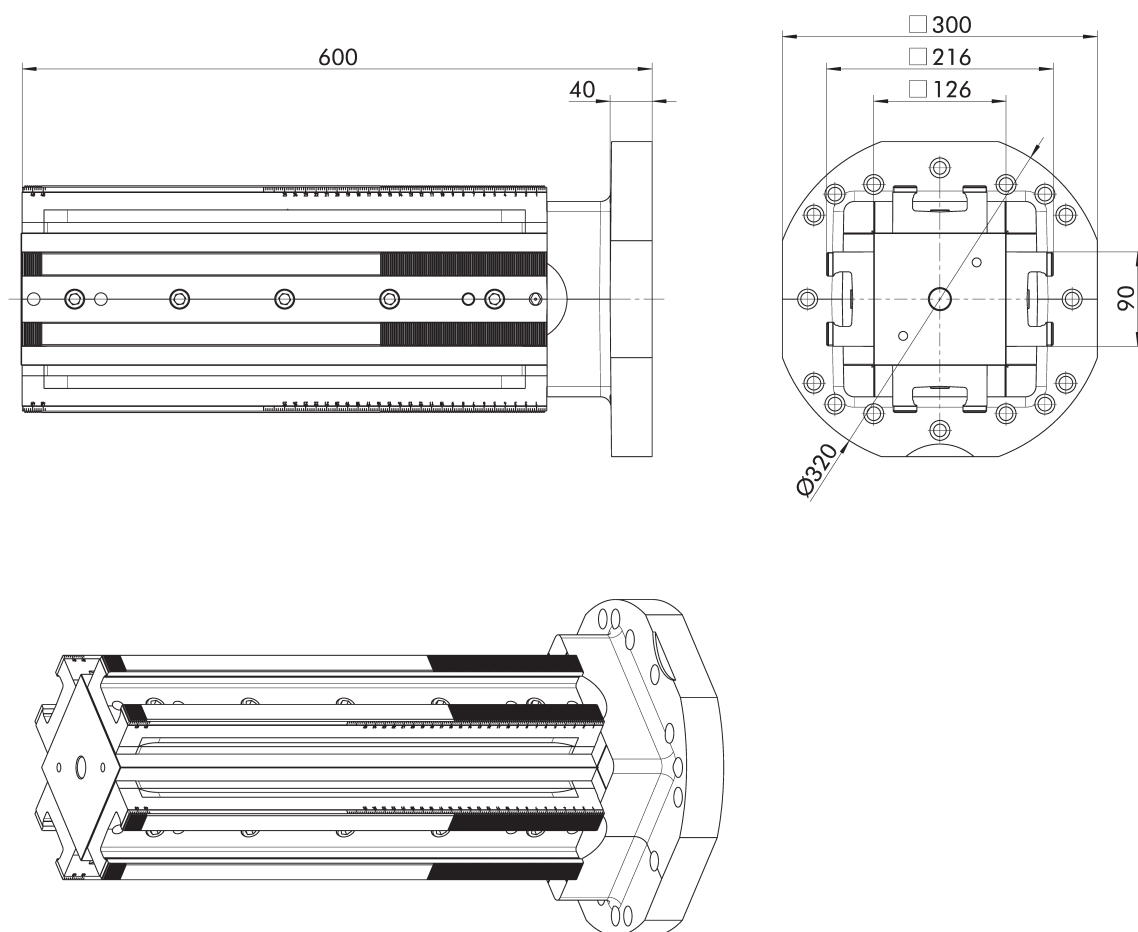
Clamping pillar with four clamping rails KSM2 90-500

Scope of delivery

Clamping pillar, clamping rails, transport screw, operating manual; without system jaws

Technical data

Description	ID	Max. clamping force [kN]	Max. torque [Nm]	Weight [kg]
SAT-KSM2 90-500 4V Ø320	1346918	30	50	132
SAT-KSM2 90-500 4V Ø320-B	1346917	30	50	132



Clamping pillar interface to the dividing head see page 771.
Subject to technical changes.



**H.-D. SCHUNK GmbH & Co.
Spanntechnik KG**

Lothringer Str. 23
D-88512 Mengen
Tel. +49-7572-7614-1300
Fax +49-7572-7614-1039
CMM@de.schunk.com
schunk.com