

KONTEC KSC-D

Easy loading due to third hand function

Superior Clamping and Gripping



Product Overview



Gripping Systems

Clamping Technology



Chuck Jaws



Lathe Chucks



Stationary Workholding



Toolholders



Hydraulic Expansion Technology



VERO-S



TANDEM



ROTA



KONTEC

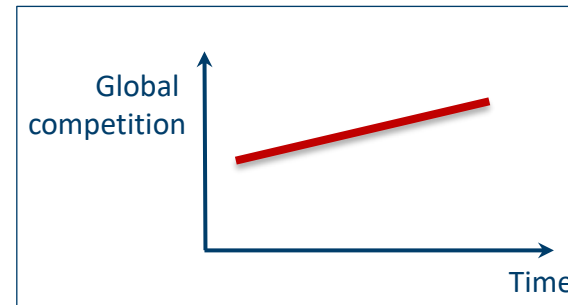
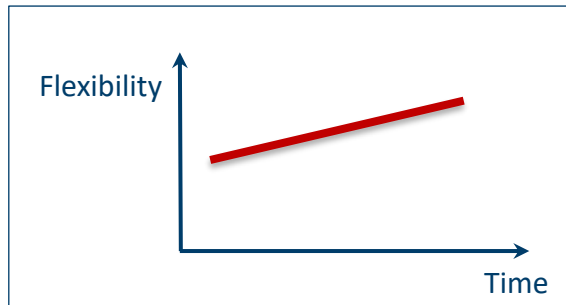
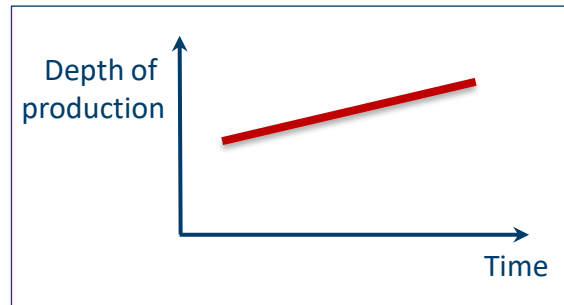


Tombstones



MAGNOS

Challenges

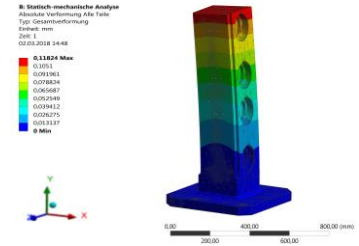


**Increasing importance
of workpiece clamping**

SCHUNK Services

Engineering

- Dimensioning of special plates designed to the manufacturing specifications
- Development of special solutions together with the customer
- FEM analysis for critical components



Testing

- Endurance tests with all new developments
- Abrasion checking
- Measurement of accuracy






Service

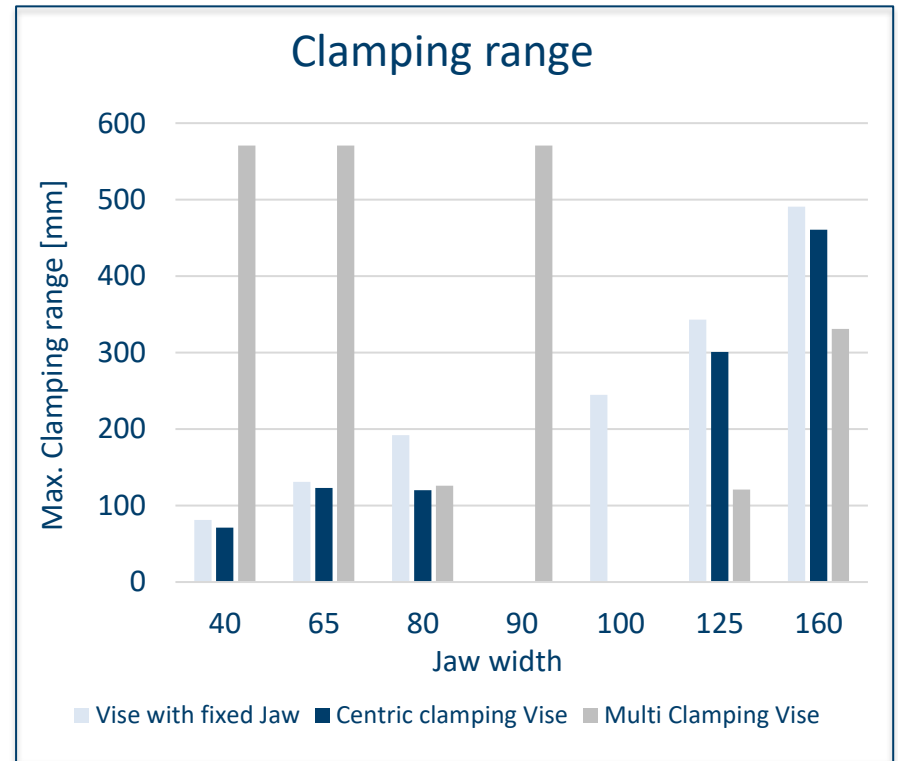
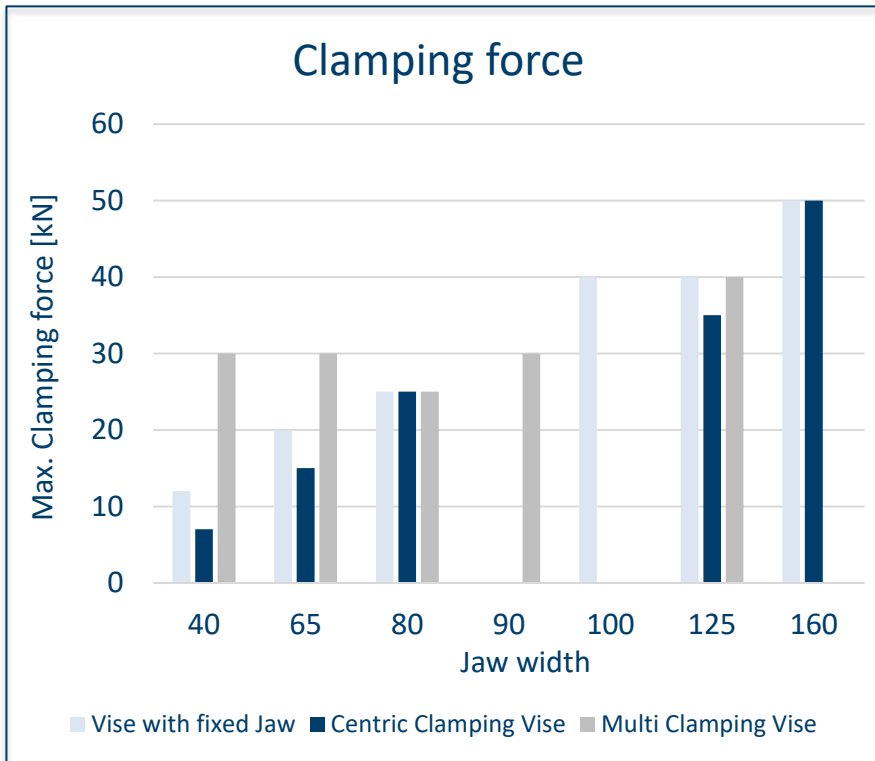
- Initial operation of customer's solution
- Inspection and maintenance
- Repairs




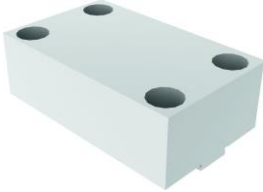



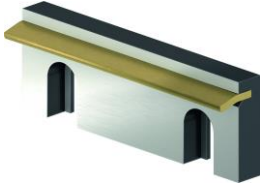


KONTEC Portfolio

Single-acting Vise	Centric Clamping Vise	Multi Clamping Vise
		
<ul style="list-style-type: none"> • Clamping towards a fixed jaw • Fixed jaw as reference • High repeat accuracy • Especially suitable for workpieces with dimensioning from the side 	<ul style="list-style-type: none"> • Symmetric clamping • Workpiece zero point is always in the center • Optimum accessibility for 5-axis milling • Especially suitable for workpieces with dimensioning from the center 	<ul style="list-style-type: none"> • Clamping of multiple workpieces • Multifunctional usage • Reduction of setup times • Optimum usage of the machine table

KONTEC Portfolio



Fast adaption to new clamping tasks

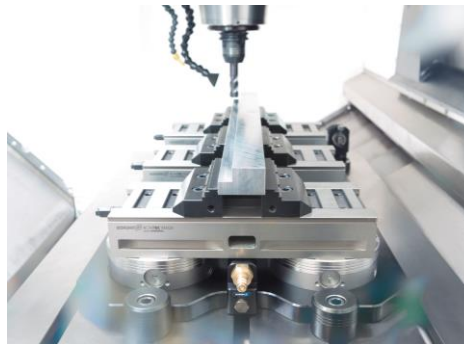
System Jaws			
Standard reversible jaw	Reversible jaw, grip -grip	Enlarged span width -VS	Aluminium jaw -AL
			
Adapter- and swivel plates -R	5-axis standard jaw -5A / -5A-VS	6-fold jaw -6B	Reversible jaw grip, smooth central jaw -ST
			
Chuck Jaws			
Chuck jaw with locator pin	Spring plate, pull-down jaw	Prismatic jaw	Stepped jaw, grip
			

KONTEC Overview

Single-acting Vise



Centric Clamping Vise

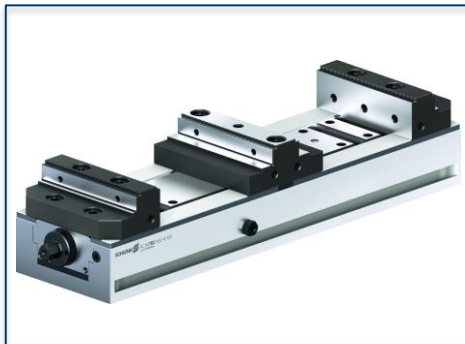


Multi Clamping Vise

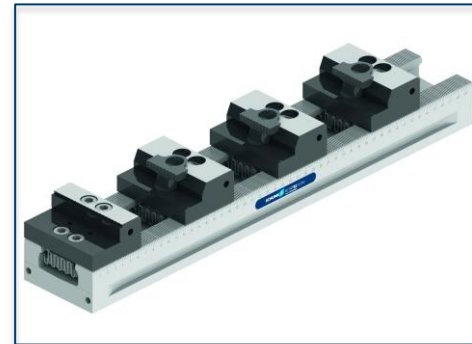


KONTEC Multi Clamping Vise

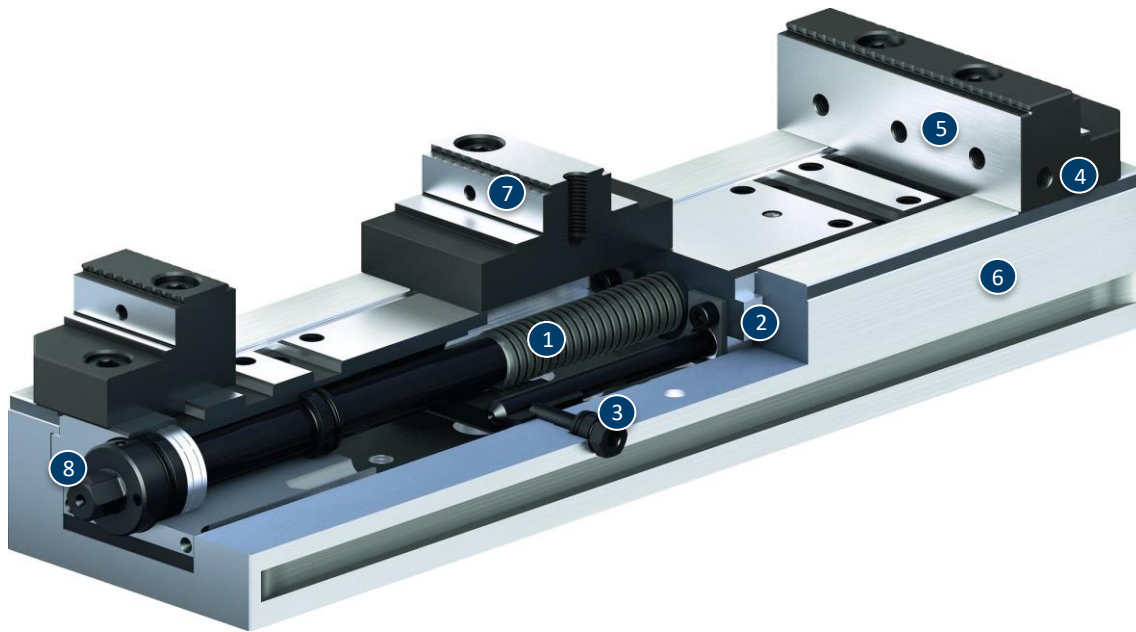
KSC-D
Basic Clamping Vise



KSM2
Clamping rail with jaw
quick-change



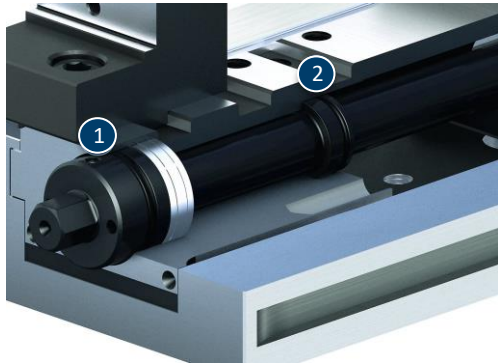
KONTEC KSC-D



- ① Spindle drive
- ② Long jaw guidance
- ③ Third-hand function
- ④ Mounting threads
- ⑤ Standard jaw interface
- ⑥ Low height
- ⑦ Central jaw
- ⑧ Operation via hexagon connection

KONTEC KSC-D

Double encapsulated spindle

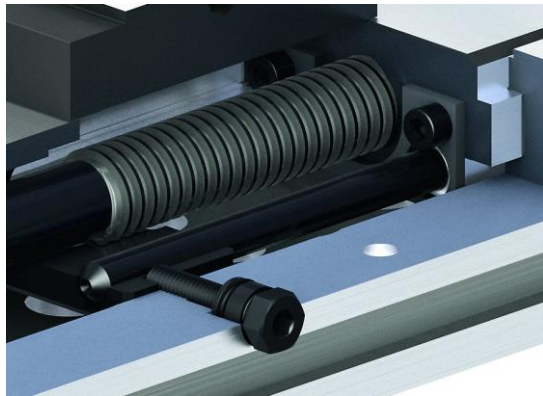


- 1 Sealing at the actuation
- 2 Sealing on the spindle bearing

Actuation via hexagon nut



Third-hand function



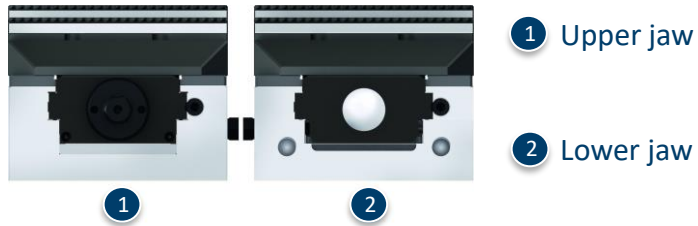
Threads for stops in the base jaws



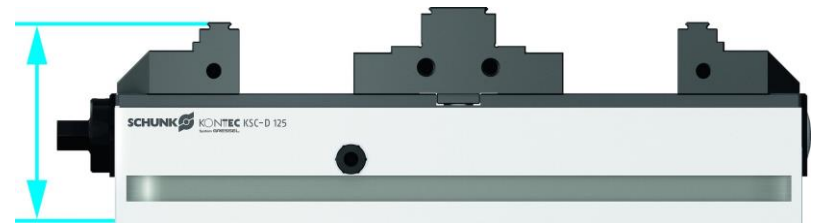
- 1 Thread for stops

KONTEC KSC-D

Encapsulation of the base jaws



Extremely flat design



Mounting options



Variants of KONTEC KSC-D

Technical data	KSC-D 80-300*	KSC-D 125-320*	KSC-D 125-740*
Max. clamping force [kN]	25	40	40
Max. torque [Nm]	90	100	100
Weight [kg]	8	14	34

* Additionally available in -grip, -ST, -AL, -R

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