



KONTEC KSC-F

The highly efficient all-rounder for raw and finished part machining

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

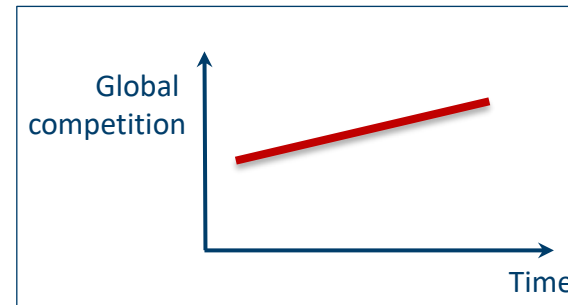
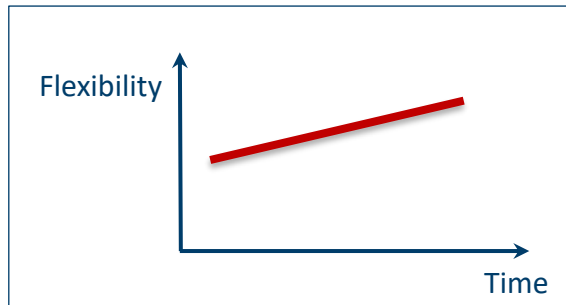
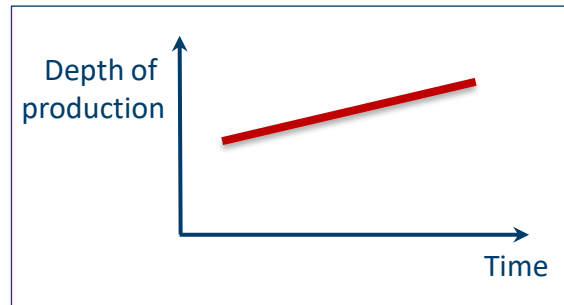


Tombstones






MAGNOS

Challenges

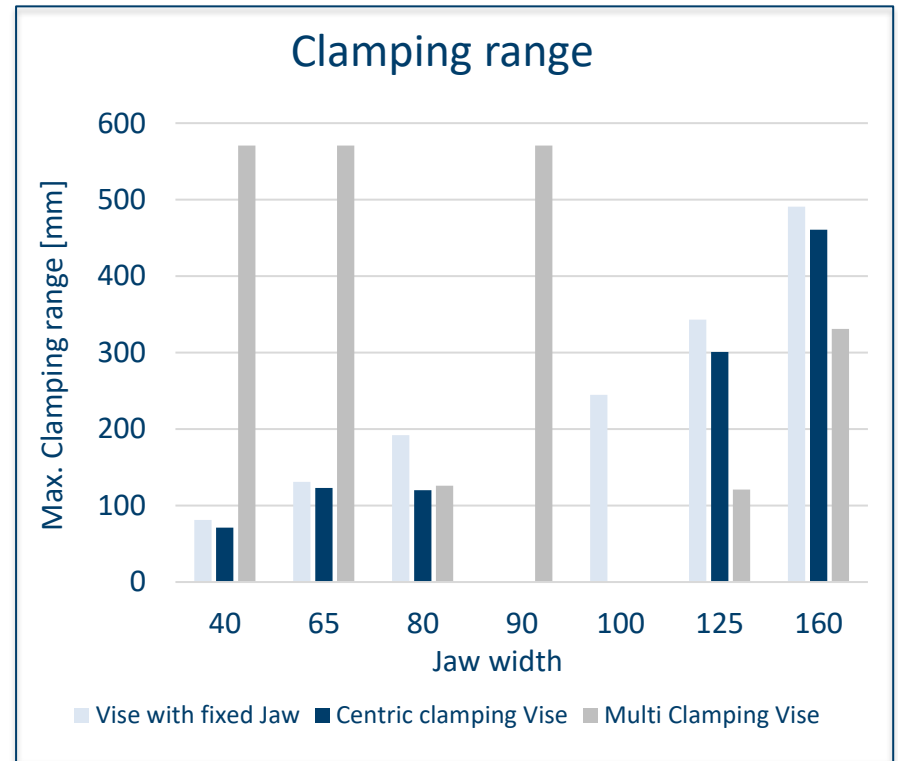
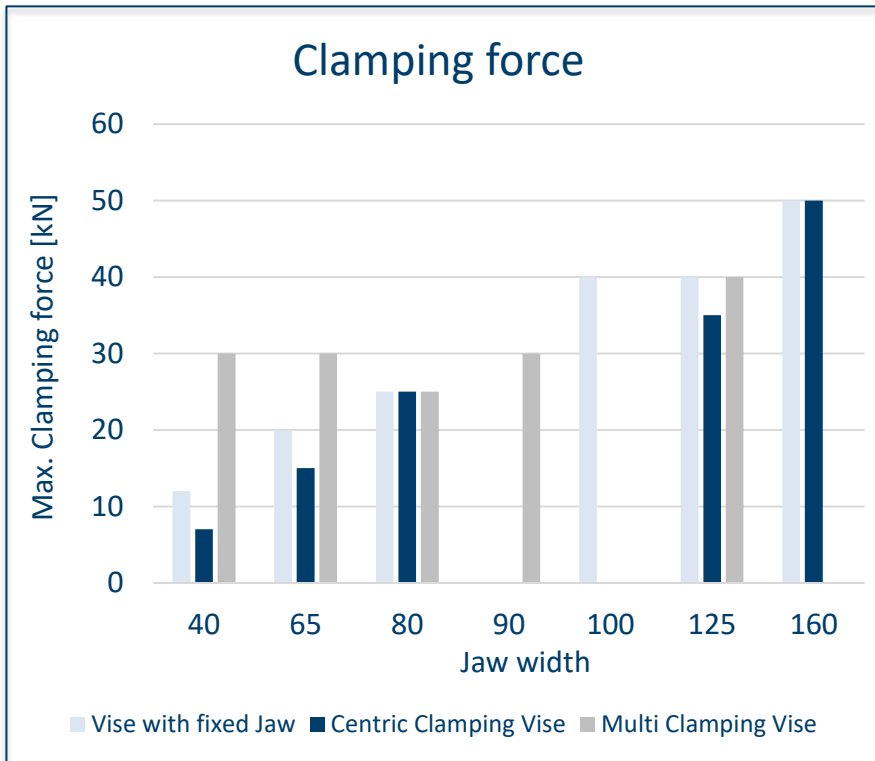


**Increasing importance
of workpiece clamping**

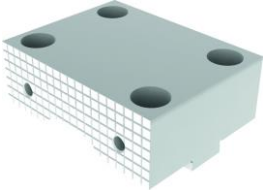


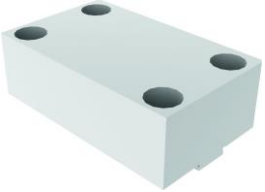



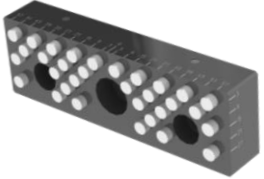
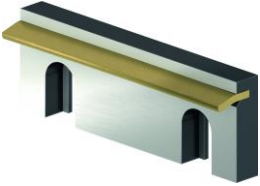


KONTEC Portfolio

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

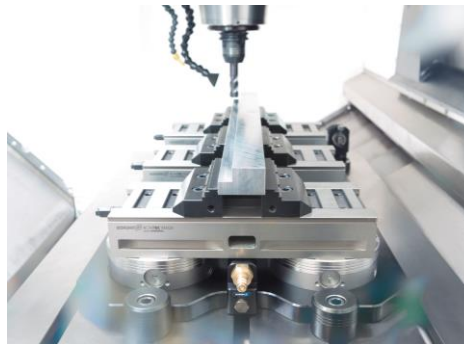
System Jaws			
Standard reversible jaw	Reversible jaw, grip -grip	Enlarged span width -VS	Aluminium jaw -AL
			
Adapter- and swivel plates -R	5-axis standard jaw -5A / -5A-VS	6-fold jaw -6B	Reversible jaw grip, smooth central jaw -ST
			
Chuck Jaws			
Chuck jaw with locator pin	Spring plate, pull-down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

KONTEC Overview

Single-acting Vise



Centric Clamping Vise



Multi Clamping Vise



KONTEC Single-acting Vise

With force amplification

KSG
Machine vise



KSX
5-axis clamping vise



Without force amplification

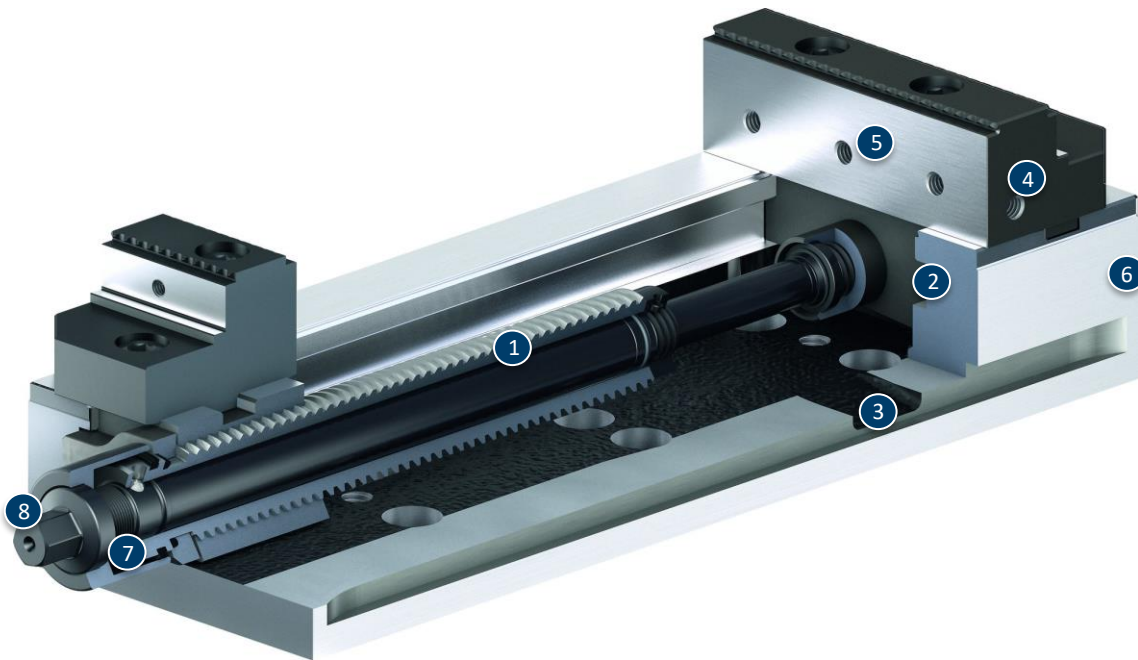
KSC-F
Basic clamping vise



KSO
Clamping vise for small components



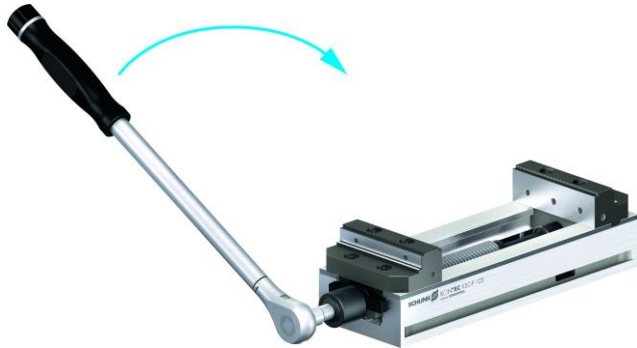
KONTEC KSC-F



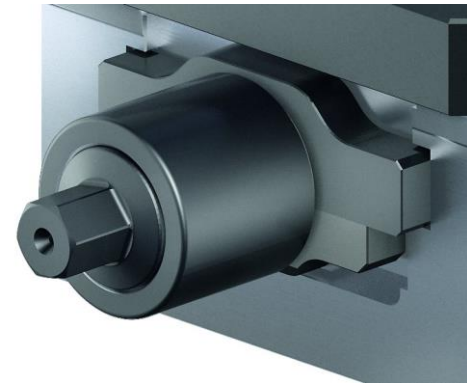
- ① Spindle drive
- ② Long jaw guidance
- ③ Drainage slots
- ④ Mounting threads
- ⑤ Standard jaw interface
- ⑥ Low height
- ⑦ Mechanical force transmission
- ⑧ Operation via hexagon connection

KONTEC KSC-F

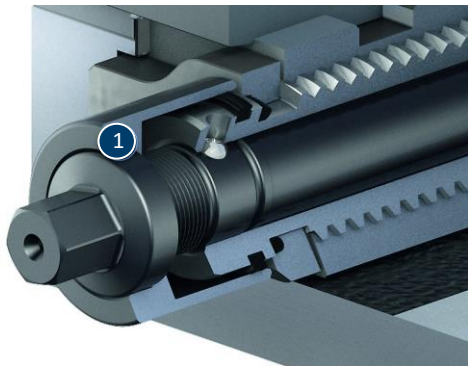
Quick clamping



Actuation via hexagon nut

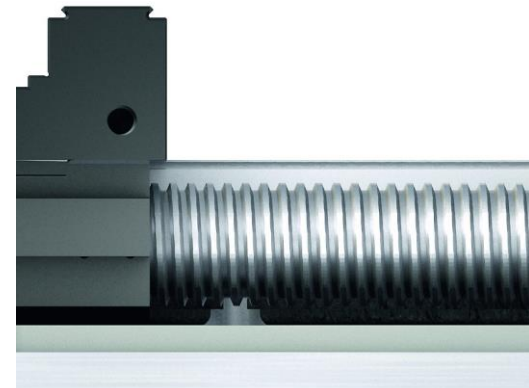


Force actuation via fine thread



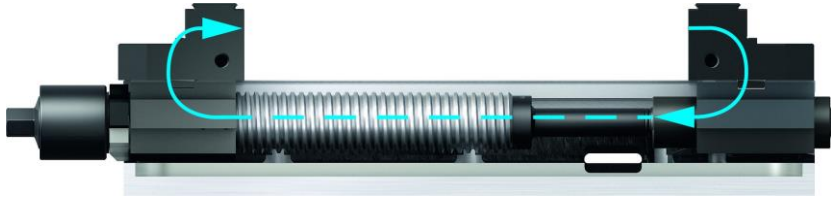
① Fine thread

Quick-adjustment of the clamping range

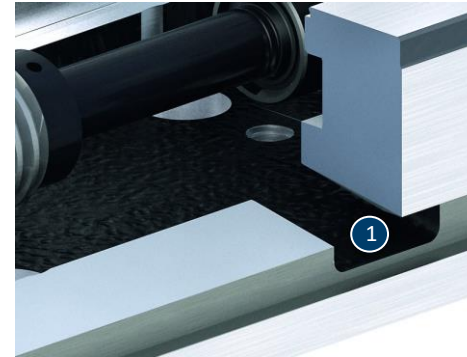


KONTEC KSC-F

Clamping by tension



Drainage slots



1 Drainage slot

Threads for stops in the base jaws



1 Thread for stops

Clamping jaws with a very large clamping range



KONTEC KSC-F

Extremely flat design



Mounting options



- 1 Fastening via quick-change pallet system
- 2 Fastening via clamping claws
- 3 Fastening via screws

Variants of KONTEC KSC-F

Technical data	KSC-F 80-214*	KSC-F 125-362*	KSC-F 160-480*
Max. clamping force [kN]	25	40	50
Max. torque [Nm]	50	90	120
Weight [kg]	5	15	28.5

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

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