

Superior Clamping and Gripping



KONTEC KSM2 Multi Clamping Vice

The Allrounder in
Workpiece Clamping

Superior Clamping and Gripping



Henrik A. Schunk, Kristina I. Schunk, brand ambassador Jens Lehmann, and Heinz-Dieter Schunk

Top Performance in the Team

SCHUNK is the world's No. 1 in clamping technology and gripping systems – from the smallest parallel gripper to the largest standard chuck jaw program.

As a competence leader, we recognize and develop standards with a large potential for the future, which will drive the rapid progress in many industries.

Our customers profit from the expert knowledge, the experience and team spirit of 3,400 employees in our innovative family-owned company.

The Schunk family wishes you improved end results with our quality products.

Heinz-Dieter Schunk

Henrik A. Schunk

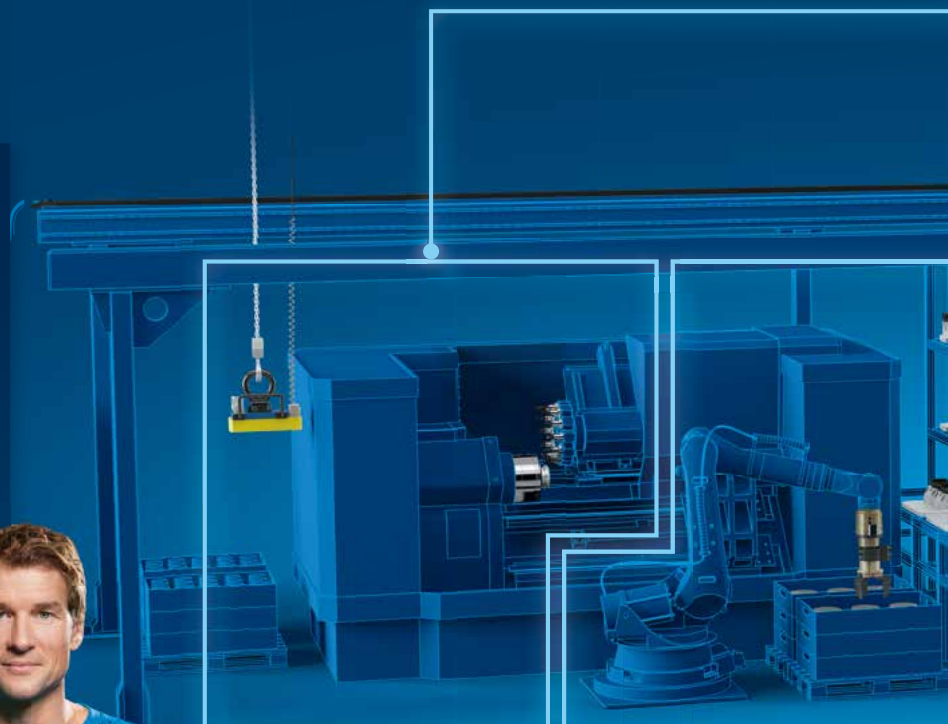
Kristina I. Schunk

Superior Clamping and Gripping

Jens Lehmann stands for safe, precise gripping and holding. As a brand ambassador of the SCHUNK team, the No. 1 goalkeeper represents our global competence leadership for gripping systems and clamping technology. The top performance of SCHUNK and Jens Lehmann are characterized by dynamics, precision, and reliability.

For more information visit our website:
schunk.com/lehmann

Jens Lehmann



... in your Lathe

... for your Automated Machine Loading

It's time to use of your machine's full potential!

With our superior components, find potentials in your machine, where you would least expect to find them. SCHUNK SYNERGY – the perfectly harmonized interplay between gripping systems and clamping technology – turns our customers into productivity champions.



Lathe Chucks

The whole world of lathe chucks. Precise hold at full dynamics.



Magnetic Clamping Technology

5-sided machining in one set-up. Deformation-free. within seconds.



Toolholders

The perfect system for tool clamping.



Chuck Jaws

Unique diversity. The world's largest standard chuck jaw program from one source.



Stationary Workholding

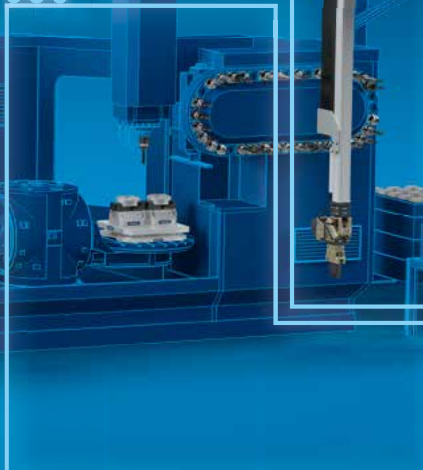
The largest modular system for individualists. Pneumatic, hydraulic, or mechanical.



... in your Automated Handling System



... in your Machining Center



... in your Automated Assembly



... in your Service Robotics Application

Multi Clamping Vise KONTEC KSM2. Clever in Design. Unique in Operation. Exclusively available from SCHUNK.

Hold a tighter grip. Become more productive.

The KONTEC KSM2 is a real all-rounder for workpiece clamping. The new multi clamping vise allows a number of small workpieces as well as large workpieces to be clamped in an uncomplicated manner on a 3, 4 or 5-axis machine. Due to even slimmer jaws, the parts are now even more compact in comparison to the KONTEC KSM.

Benefit from modularity perfected.

The KONTEC KSM2 is a clever module in the highly standardized SCHUNK modular system. The direct clamping on the multi clamping vises enables a maximum degree of part

compactness. The direct workpiece clamping with the VERO-S NSE plus 138 quick-change pallet system enables any number of gauges for bore holes to be set along the clamping rail in a grid of 2 mm in a matter of seconds. Rotationally symmetrical parts can also be machined by mounting ROTA-S plus 2.0 toolholders on the clamping rail.

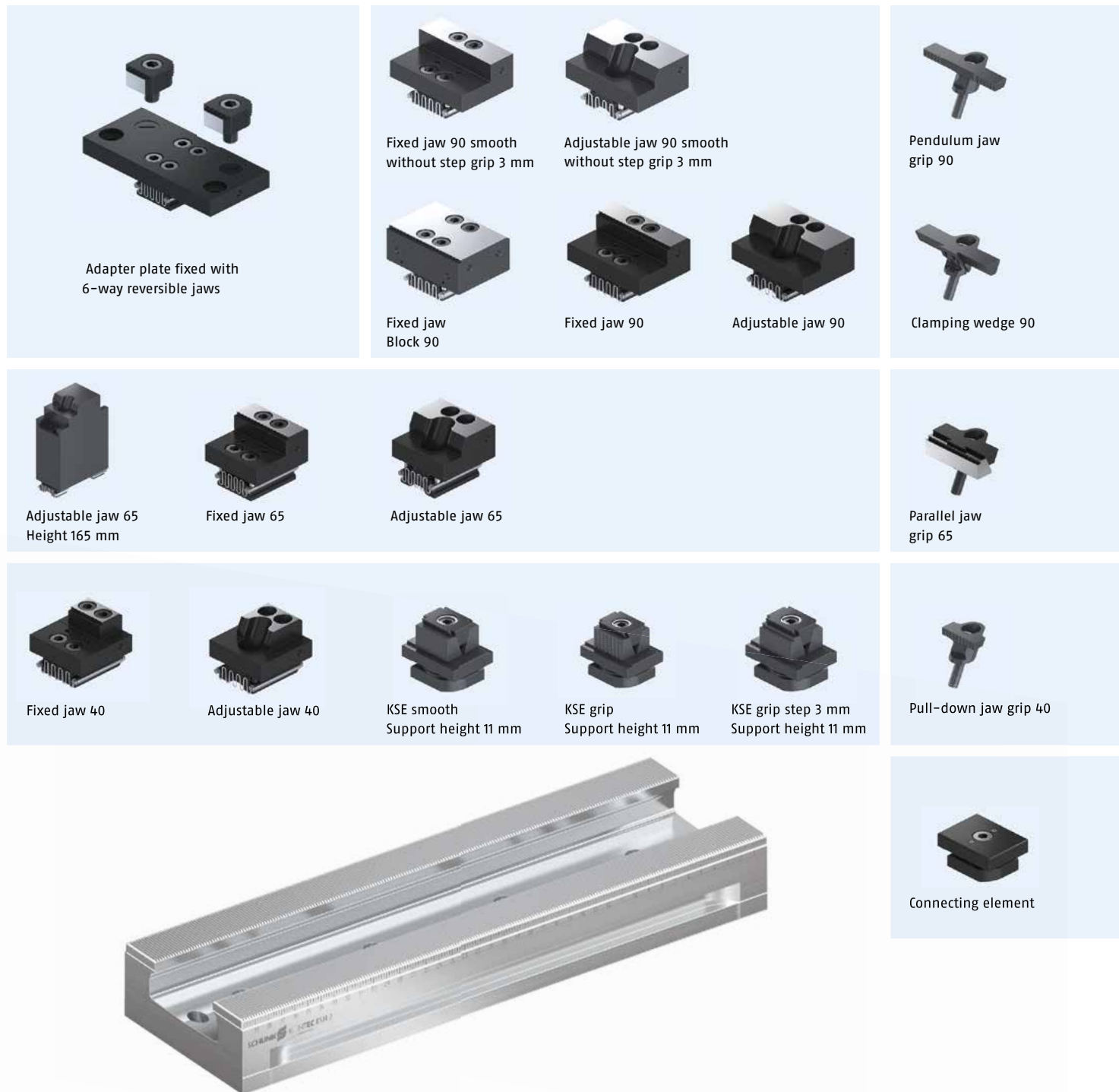
We make you quicker.

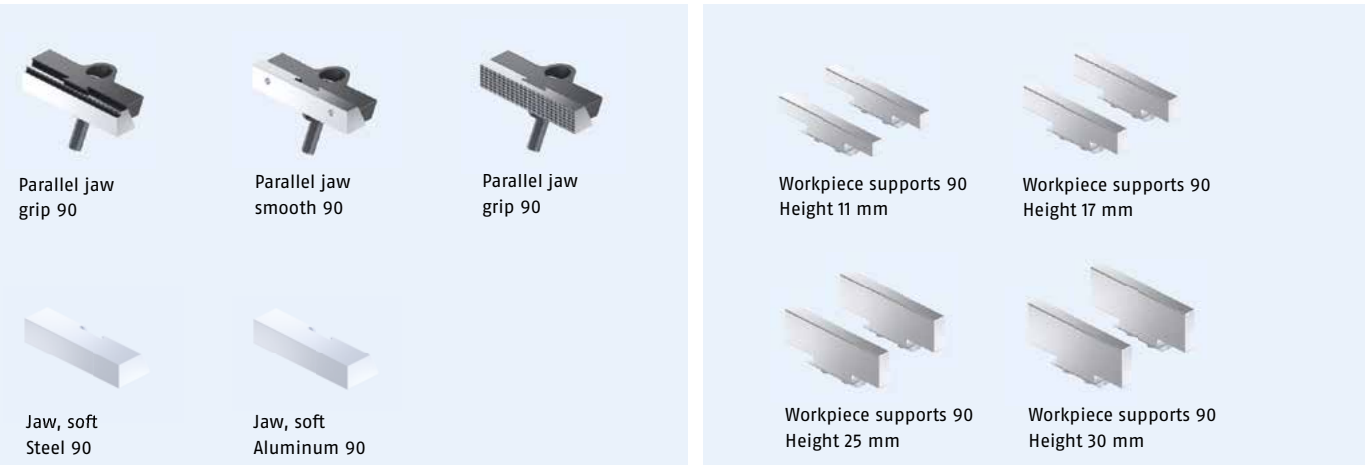
The jaws can be removed and the workpieces clamped with a single actuation key. The ability to remove individual jaws directly from the multi clamping vise per quick-change, reduces the set-up time dramatically.



The Modular System for more Flexibility.

Regardless of whether you need a fixed jaw, adjustable jaw, pull-down jaw, parallel jaw, pendulum jaw, wedge-clamping element or connecting element – in the wide-range modular system you can always find the suitable jaw combination for your machining task.





Set up faster with the KONTEC KSM2 Starter Kit

Two set-ups in one.
No jaw change required.



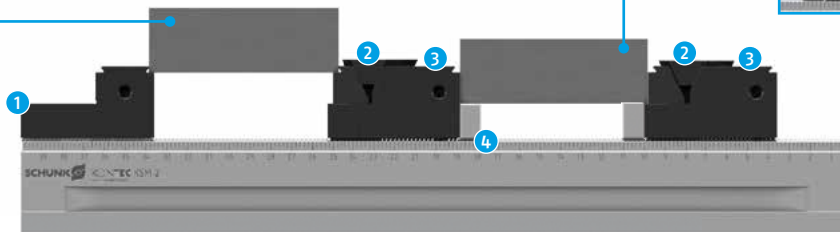
OP 10: Raw part clamping

- grip 3 mm on both sides



OP 20: Finished part clamping

- Smooth clamping surface on both sides
- Workpiece supports with a height of 11 mm



KONTEC KSM2 Starter kit

- KONTEC KSM 2 90-400 (1363860)
- KONTEC KSM 2 90-500 (1363902)
- KONTEC KSM 2 90-600 (1363911)
- KONTEC KSM 2 90-650 (1363913)

- ① Jaw fixed B-90, SCHUNK-ID: 0490730
- ② Parallel jaw B-90, SCHUNK-ID: 0490753
- ③ Adjustable jaw B-90, SCHUNK-ID: 0490733
- ④ Workpiece support H-11, SCHUNK-ID: 0490761



Get your starter kit
now and save money.

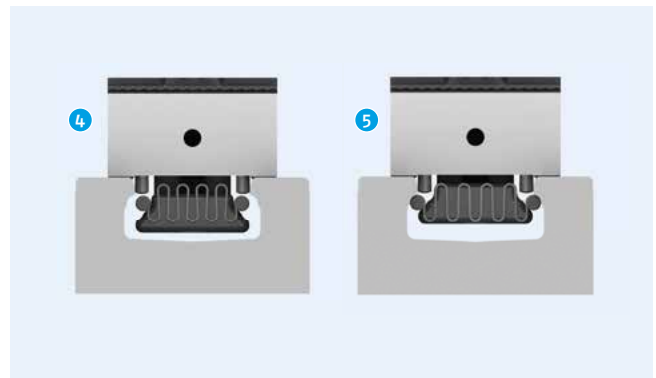
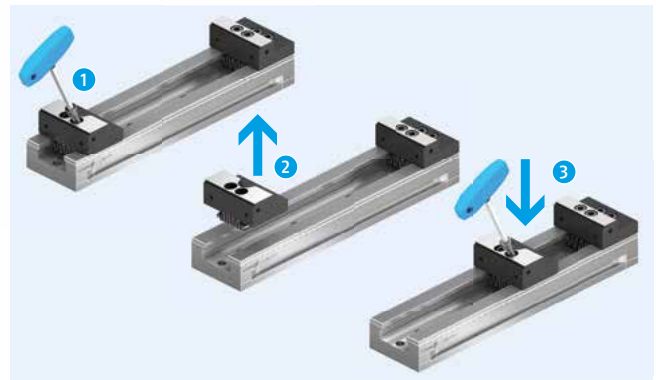
Simple and quick Jaw Change in any Position.

The entire jaw range can be positioned on any gauge for bore holes in a grid of 2 mm, regardless of the width and version of the clamping rail. The workpieces can be clamped and the jaws changed with the same actuation key. The adjustable jaws can be lifted out of the rail and re-positioned quickly and simply in any position with the integrated quick-change system. A high-grip pull-down jaw, parallel jaw or high-grip pendulum jaw is optionally used. A clamping force of 30 kN is achieved with a tightening torque of 50 Nm.

Quick change of the support jaws

The multi clamping vises KSM2 are equipped with a jaw quick-change system by default. The support jaw can be loosened and removed or offset via two screws. The jaw is removed by lifting it upwards. Therefore, every single jaw can be removed without disturbing the other jaws. The jaw change is carried out in less than one minute.

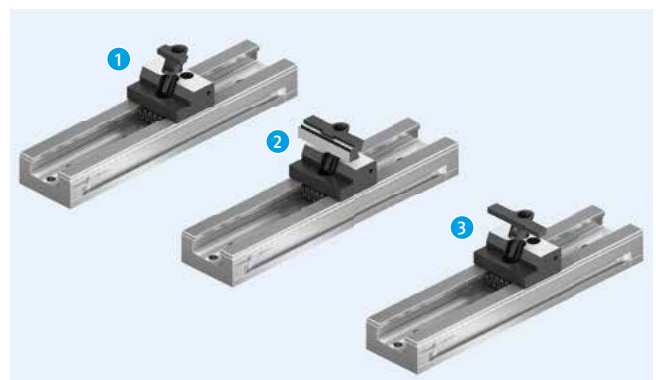
- 1 Loosen the screws
- 2 Remove the jaw by lifting it upwards
- 3 Insert the jaw from the top, position it as desired, and tighten the screws
- 4 Unclamped position
- 5 Clamped position



Quick change of chuck jaws

The support jaws of the multi clamping vise KSM2 are equipped with a jaw quick-change system by default. The jaw can be loosened and exchanged via a screw. The jaw change takes less than 30 seconds.

- 1 Pull-down jaw grip
- 2 Parallel jaw
- 3 Pendulum jaw grip with pull-down effect



Positioning of the Clamping Rails.

The multi clamping vise KONTEC KSM2 is based on a 90 mm wide clamping rail with lengths of 260, 400, 500, 600 or 650 mm. The high-quality, hardened, ground fine serration is extremely wear resistant due to the deep hardening. The KONTEC KSM2 multi clamping vise can be clamped and aligned in three different ways.

1. With VERO-S quick-change pallet system

The clamping rail is equipped with VERO-S interfaces which allow the clamping pins for VERO-S to be fastened (up to a base body length of 500 mm = 2 clamping pins or from 600 mm = 3 clamping pins).



2. With grid holes

Positioning and mounting with two fitting screws with dia. 12 f7/M12 in both the first and last bore hole of the clamping rail. Additionally connected with M12 cylindrical screws through the remaining bore holes.



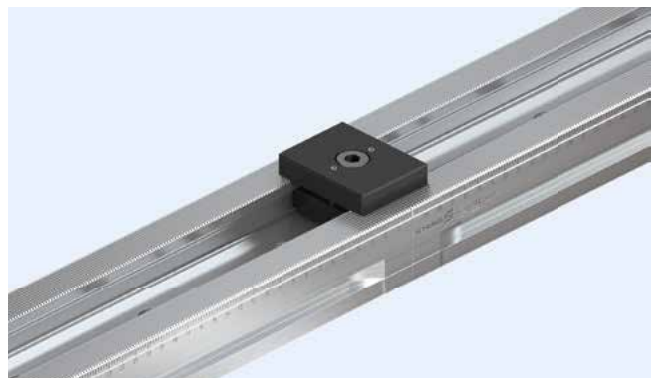
3. With T-slots or screws

- Alignment in the T-slot (14, 16, 18 mm) with the suitable alignment set for T-slots. For a T-slot with a width of 12 mm, use simply two cylindrical pins (dia. 12).
- Clamping with screws through the clamping rail or with clamping claws at the side.



4. Connection of the clamping rails

By using a connection element, two or more KSM2 clamping rails can be connected with each other or lengthened.



Various Application Options. Customized Application.

KSM2 with APK VERO-S NSE plus 138-V1

The combination of VERO-S NSE plus 138-V1 with the KSM2 allows flexible pitches among the quick-change pallet modules. The quick-change pallet modules can be positioned as desired on the serration (grid dimension 2 mm).



Adapter plates for KSM2 rails

Further clamping devices can be simple and fast exchanged on the KSM2 rails by using an adapter plate and due to the clever clamping mechanism.

- 1 Clamps
- 2 Locking roller for clamping the clamping devise on the KSM2 rail
- 3 Return spring for releasing of the clamping mechanism
- 4 Freely accessible clamping screws
- 5 Unclamped position
- 6 Clamped position



KSM2 with APK KONTEC KSC2

The combination of the KSM2 vise and the KSC2 centric-clamping vise enables small cubic workpieces to be clamped rapidly and flexibly. The KSM2 vise can be re-equipped in just a few steps, making it even more multi-functional.



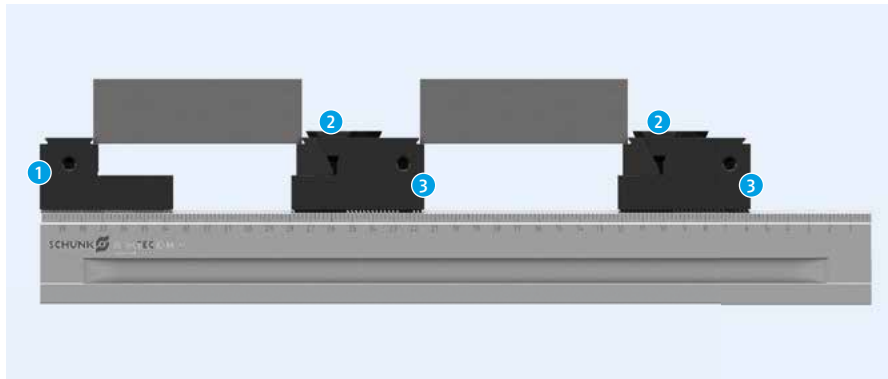
KSM2 with APK ROTA-S plus 2.0 160

The KSM2 vise can also be used as a clamping device carrier. In combination with the ROTA-S plus 2.0 manual chuck, the lathe chucks can be positioned quickly and easily on the KSM2 rail. Rotationally symmetric workpieces can also be clamped quickly and reliably by the 3-jaw chuck.



Clamping Principle with a Parallel Jaw OP 10

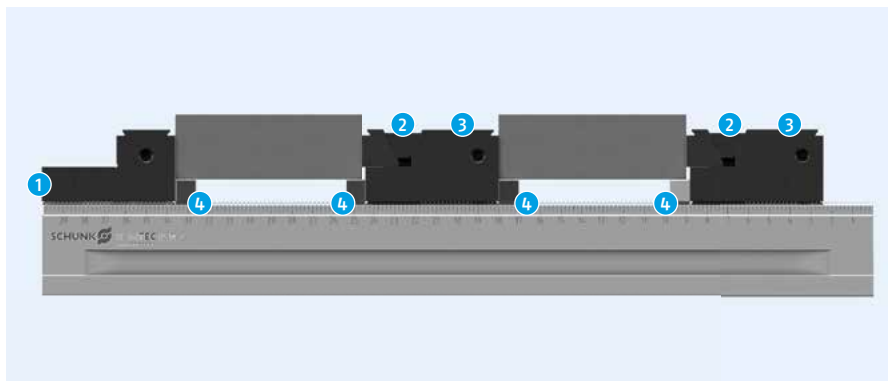
Fixed standard and adjustment jaws with grip step are prepared for OP 10. The parallel jaw grip – inserted in the adjustable jaw – is clamping the workpiece against the fixed jaw. The workpiece lies on the appropriate, prepared step. The fixed adjustable jaw is used then as a fixed jaw for the next workpiece.



- 1 Jaw fixed B-90
SCHUNK-ID: 0490730
- 2 Parallel chuck jaw B-90
SCHUNK-ID: 0490753
- 3 Adjustable jaw B-90
SCHUNK-ID: 0490733

Clamping Principle with a Parallel Jaw OP 20

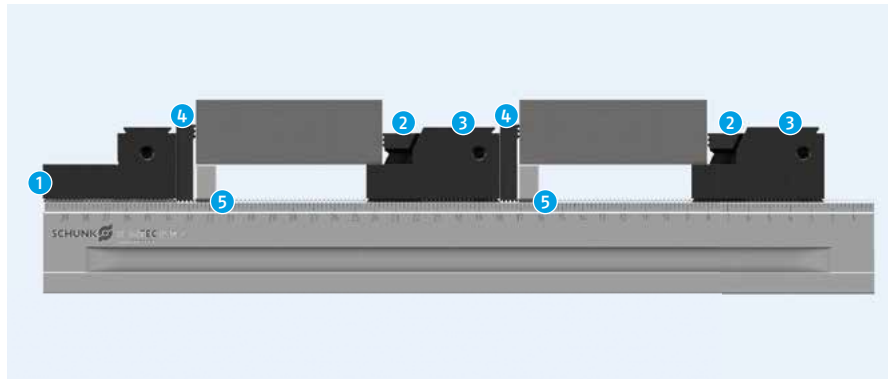
Fixed standard and adjustment jaws with smooth surface are prepared for OP 20. The parallel jaw smooth – inserted in the adjustable jaw – is clamping the workpiece against the fixed jaw. The workpiece lies on the appropriate workpiece support. The fixed adjustable jaw is used then as a fixed jaw for the next workpiece.



- 1 Jaw fixed B-90
SCHUNK-ID: 0490730
- 2 Parallel chuck jaw B-90
SCHUNK-ID: 0490753
- 3 Adjustable jaw B-90
SCHUNK-ID: 0490733
- 4 Workpiece support H-11
SCHUNK-ID: 0490758
SCHUNK-ID: 0490761

Clamping Principle with Pendulum Jaws and Pull-down

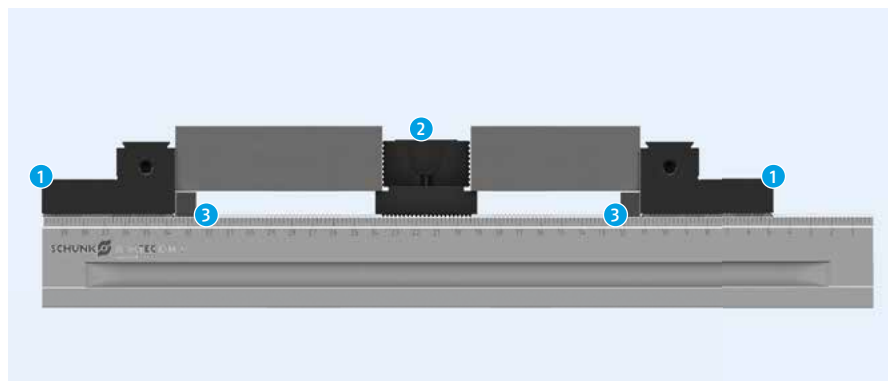
The fixed jaw is prepared with a top jaw grip. The pendulum jaw grip is inserted in the adjustable jaw, and the workpiece clamps against the fixed jaw. The pendulum mechanism compensates small irregularities of the workpiece. The workpiece lies on the appropriate workpiece support. The downward movement of the jaw generates an additional pull down effect.



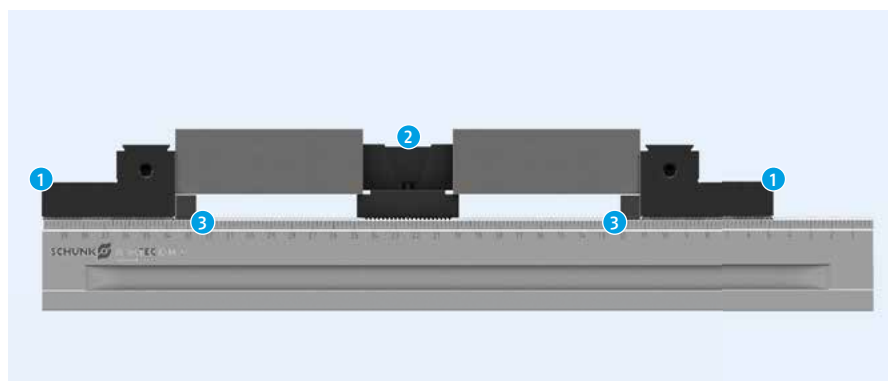
- 1 Jaw fixed B-90
SCHUNK-ID: 0490730
- 2 Parallel jaw grip 90
SCHUNK-ID: 0490754
- 3 Adjustable jaw B-90
SCHUNK-ID: 0490733
- 4 Top jaw grip B-90
SCHUNK-ID: 0490571
- 5 Workpiece support H-17
SCHUNK-ID: 0490762

Clamping Principle of the Wedge Clamping Elements

Usually it is a combination of wedge clamping elements and fixed standard jaws. An extension of the standard jaws is possible by using top jaws. Both workpieces are simultaneously clamped via a wedge clamping element. The workpiece lies on the workpiece support and the wedge clamping element.



- 1 Jaw fixed B-90
SCHUNK-ID: 0490730
- 2 Wedge clamping element KSE with grip clamping surface
SCHUNK-ID: 0490736
- 3 Workpiece support H-11
SCHUNK-ID: 1329412



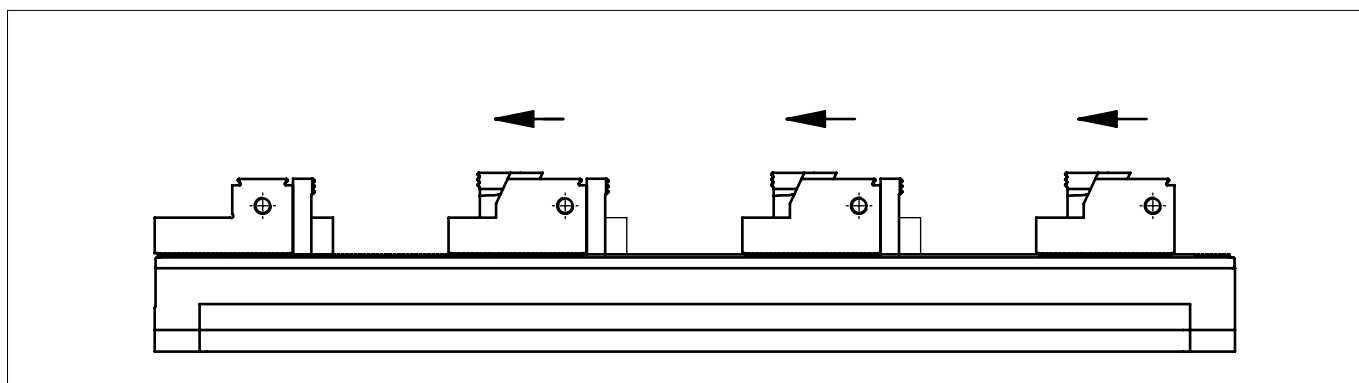
- 1 Jaw fixed B-90
SCHUNK-ID: 0490730
- 2 Wedge clamping element KSE with smooth clamping surface
SCHUNK-ID: 0490735
- 3 Workpiece support H-11
SCHUNK-ID: 1329412

Clamping Capacity

The clamping range shows the max. workpiece size depending on the number of clamping areas for the individual rail lengths.

Adjustable jaws with pull-down jaw grip 40 mm

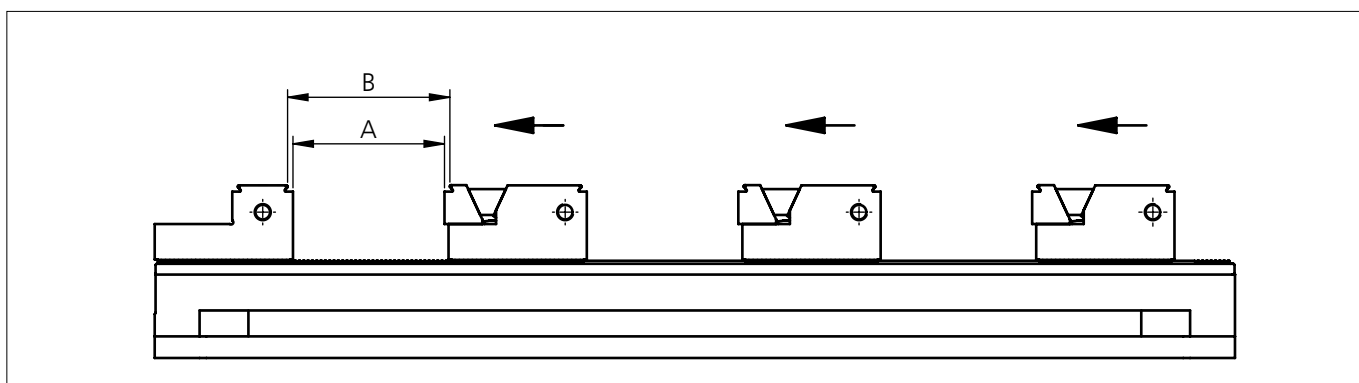
Type	Number of workpieces						
	1	2	3	4	5	6	7
KONTEC KSM2 260	134	36	–	–	–	–	–
KONTEC KSM2 400	274	106	50	22	–	–	–
KONTEC KSM2 500	374	156	82	45	24	–	–
KONTEC KSM2 600	474	206	116	72	44	26	–
KONTEC KSM2 650	524	230	135	84	54	34	20



Adjustable jaws with parallel jaws (dimension A)

Type	Number of workpieces						
	1	2	3	4	5	6	7
KONTEC KSM2 260	134	36	–	–	–	–	–
KONTEC KSM2 400	274	106	50	22	–	–	–
KONTEC KSM2 500	374	156	82	45	24	–	–
KONTEC KSM2 600	474	206	116	72	44	26	–
KONTEC KSM2 650	524	230	135	84	54	34	20

Dimension B = A + 5 mm



Clamping forces of the adjustable jaws KSM2

Size	Max. tightening torque [Nm]	Max. clamping force [kN]
Adjustable jaw 40	50	30
Adjustable jaw 65	50	30

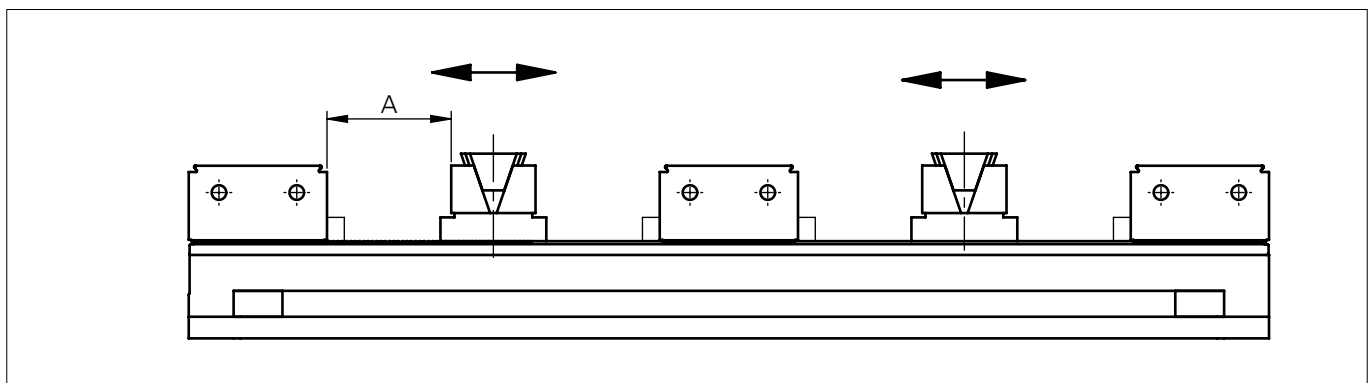
Size	Max. tightening torque [Nm]	Max. clamping force [kN]
Adjustable jaw 90	50	30
Adjustable jaw 65, H = 165 mm	50	30

Clamping Capacity

The clamping range shows the max. workpiece size depending on the number of clamping areas for the individual rail lengths.

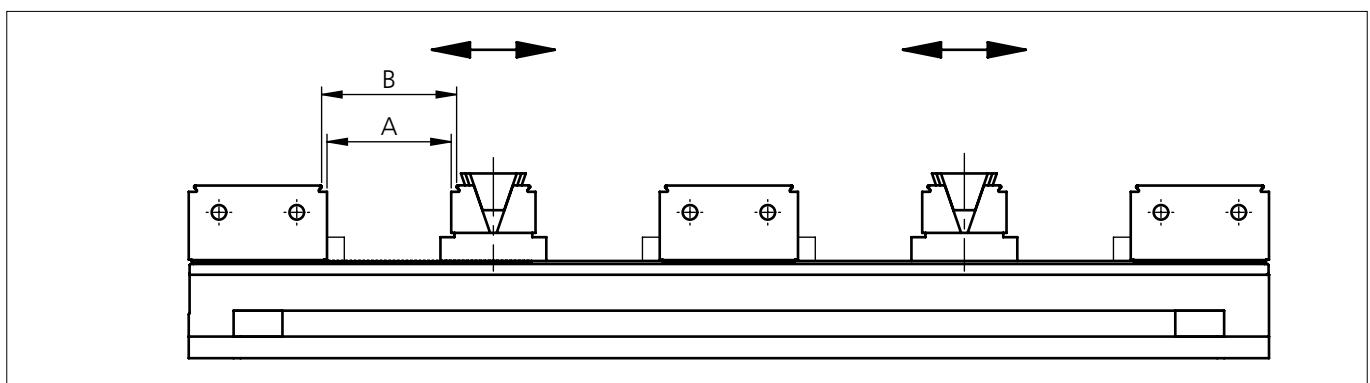
With wedge clamping jaws smooth

Type	Number of workpieces			
	2	4	6	8
	A	A	A	A
KONTEC KSM2 260	45	-	-	-
KONTEC KSM2 400	115	31	-	-
KONTEC KSM2 500	165	56	19	-
KONTEC KSM2 600	215	81	36	14
KONTEC KSM2 650	240	93	44	20



With wedge clamping jaw, grip

Type	Number of workpieces							
	2		4		6		8	
	A	B	A	B	A	B	A	B
KONTEC KSM2 260	45	50	-	-	-	-	-	-
KONTEC KSM2 400	115	120	31	36	-	-	-	-
KONTEC KSM2 500	165	170	56	61	19	24	-	-
KONTEC KSM2 600	215	220	81	86	36	41	14	19
KONTEC KSM2 650	240	245	93	98	44	49	20	25



Clamping forces of the wedge clamping jaws KSM2

Size	Max. tightening torque [Nm]	Max. clamping force [kN]
Wedge clamping jaw, smooth	50	30
Wedge clamping jaw 40, grip	50	30

Clamping Rail

Without system jaws

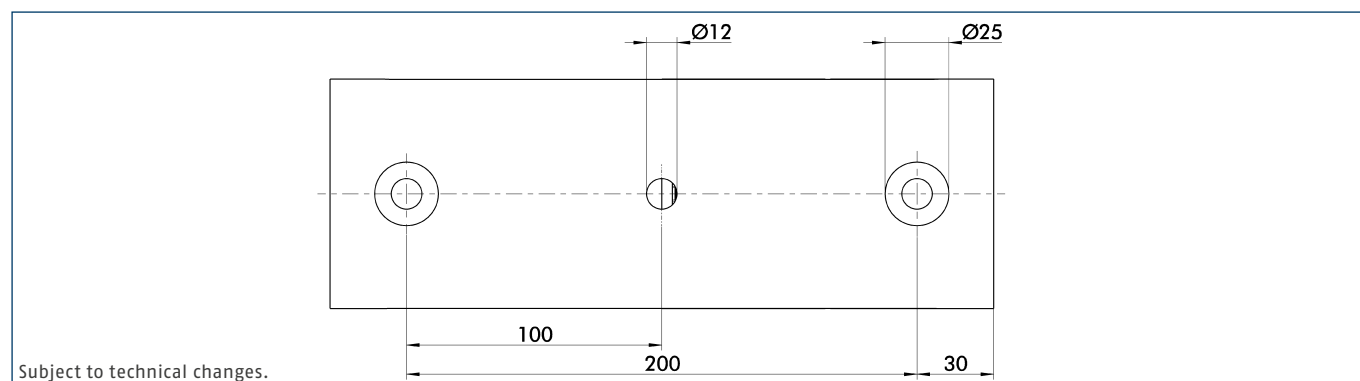
Scope of delivery

Clamping rail including operating manual



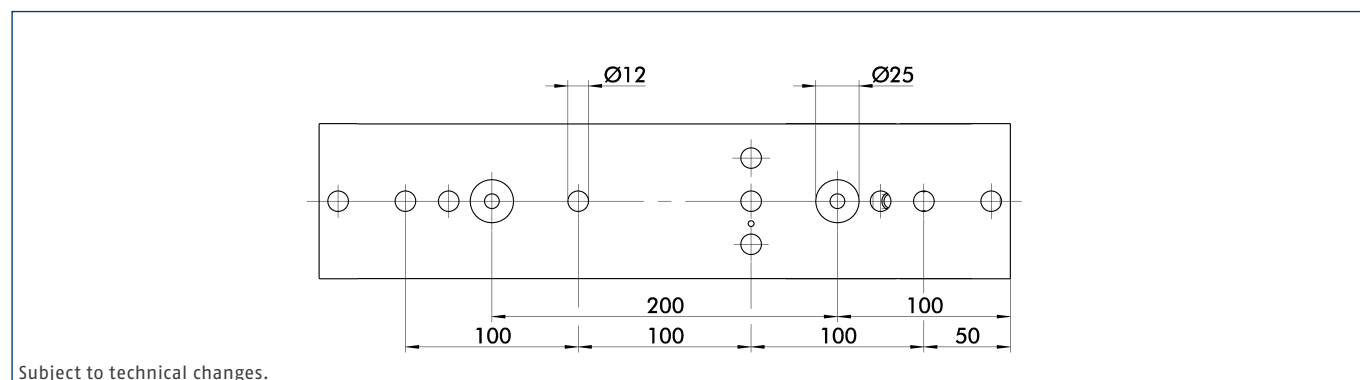
Clamping rail KONTEC KSM 2 90-260

Description	ID	Rail width [mm]	Rail height [mm]	Clamping force [kN]	Max. torque [Nm]	Weight [kg]
KSM2 90-260	0490723	90	45	30	50	5



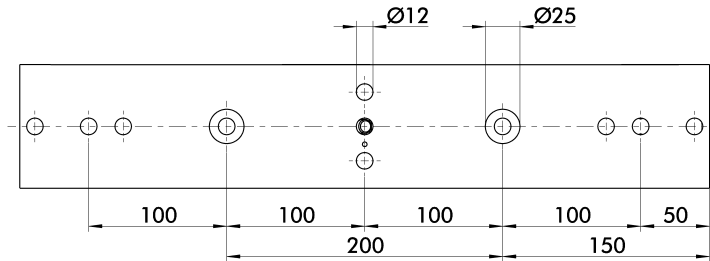
Clamping rail KONTEC KSM2 90-400

Description	ID	Rail width [mm]	Rail height [mm]	Clamping force [kN]	Max. torque [Nm]	Weight [kg]
KSM2 90-400	0490724	90	45	30	50	7.7



Clamping rail KONTEC KSM2 90-500

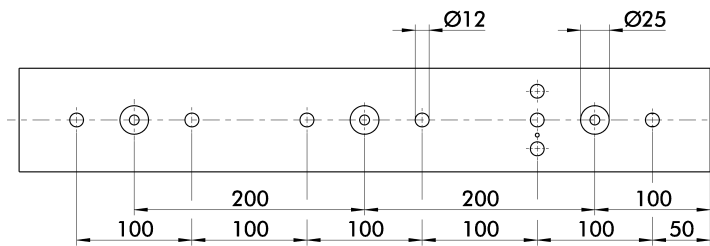
Description	ID	Rail width [mm]	Rail height [mm]	Clamping force [kN]	Max. torque [Nm]	Weight [kg]
KSM2 90-500	0490725	90	45	30	50	9.6



Subject to technical changes.

Clamping rail KONTEC KSM2 90-600

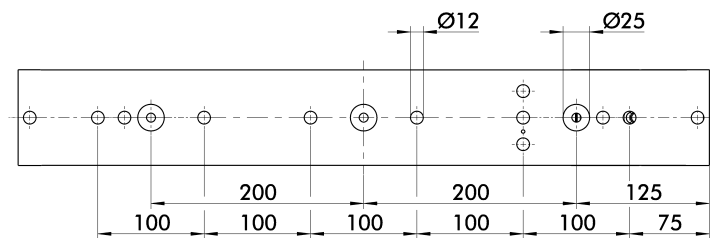
Description	ID	Rail width [mm]	Rail height [mm]	Clamping force [kN]	Max. torque [Nm]	Weight [kg]
KSM2 90-600	0490726	90	45	30	50	11.5



Subject to technical changes.

Clamping rail KONTEC KSM2 90-650

Description	ID	Rail width [mm]	Rail height [mm]	Clamping force [kN]	Max. torque [Nm]	Weight [kg]
KSM2 90-650	0490727	90	45	30	50	12.5



Subject to technical changes.

New Tombstones

Tombstone with KONTEC KSM2

First-class Equipment for your horizontal Machining Center

Horizontal machining centers are becoming ever more popular. Usually, all the machines are equipped with shuttle tables. Therefore set-up during process time is possible, but also linking with pallet storages is simple, and is already standard for many customers (e.g. FASTEMS). SCHUNK offers a multitude of matching tombstones in various versions, including all kinds of clamping technology components. Benefit from the endless combination possibilities for perfectly adapting the tombstones to machines and workpieces.



Tombstone

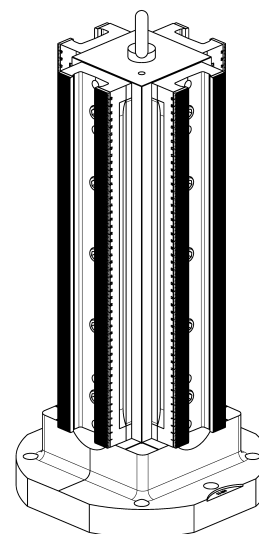
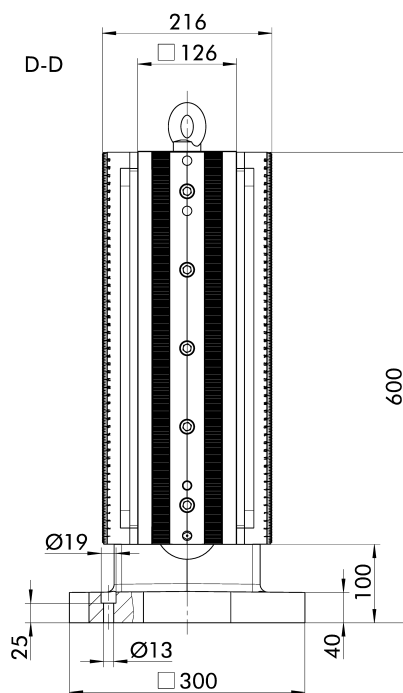
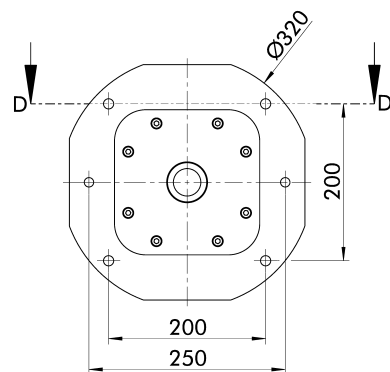
With multi clamping vise KSM2

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2



Description	ID	Base plate [mm]	Tombstone height [mm]
SAT-KSM2 90-500 4V Ø 320 blank	1346917	Rund Ø 320	600



Tombstone

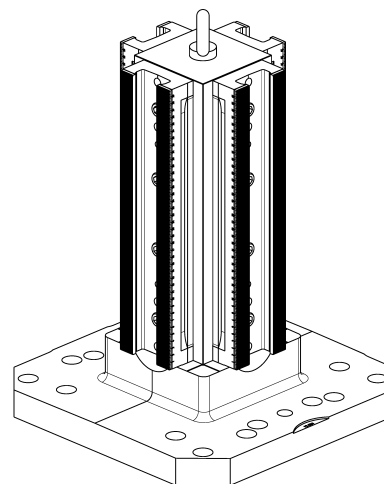
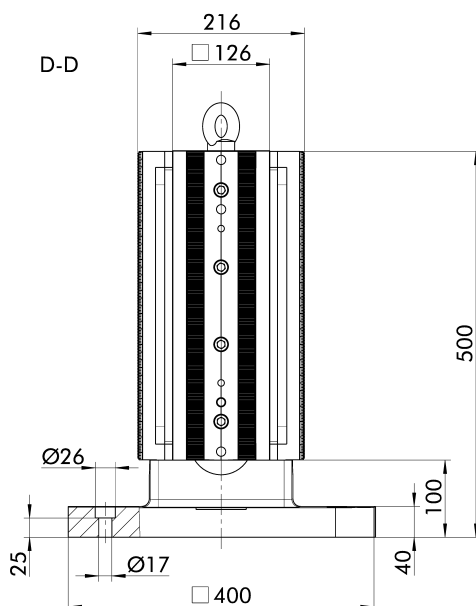
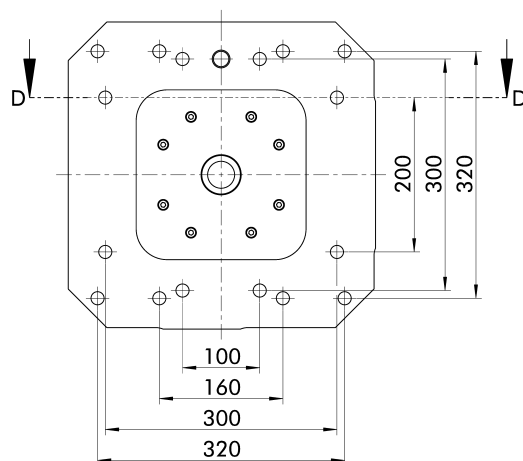
With multi clamping vise KSM2

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2



Description	ID	Base plate [mm]	Tombstone height [mm]
SAT-KSM2 90-400 4V 400 x 400	1346919	400 x 400	500



Tombstone

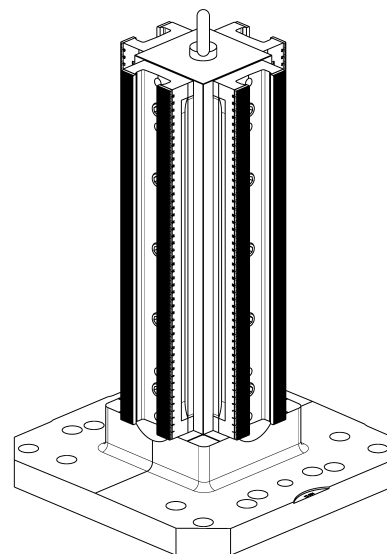
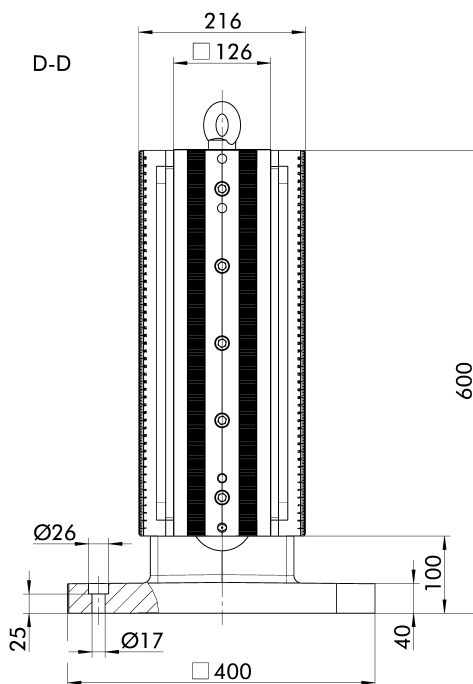
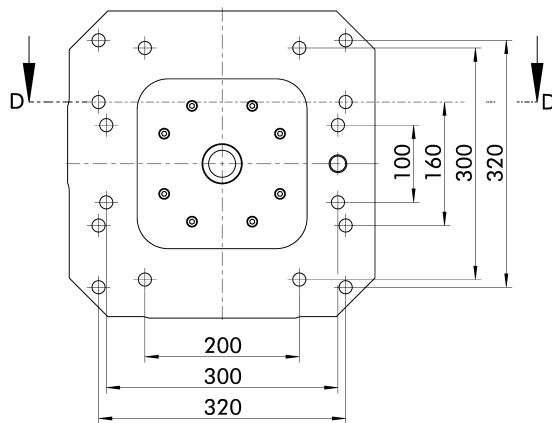
With multi clamping vise KSM2

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2



Description	ID	Base plate [mm]	Tombstone height [mm]
SAT-KSM2 90-500 4V 400 x 400	1346920	400 x 400	600



Tombstone

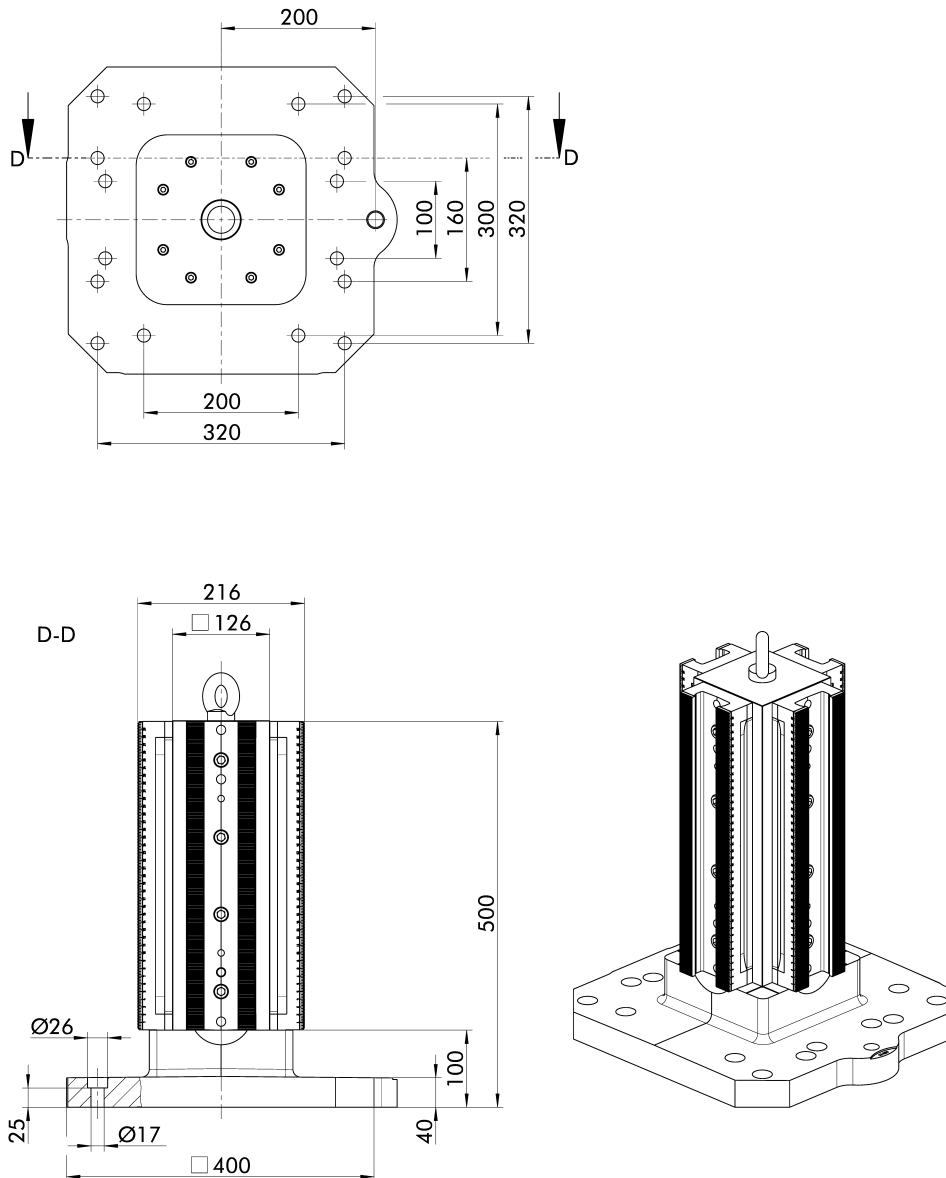
With multi clamping vise KSM2

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2



Description	ID	Base plate [mm]	Tombstone height [mm]
SAT-KSM2 90-400 4V 500 x 500	1346921	500 x 500	500



Tombstone

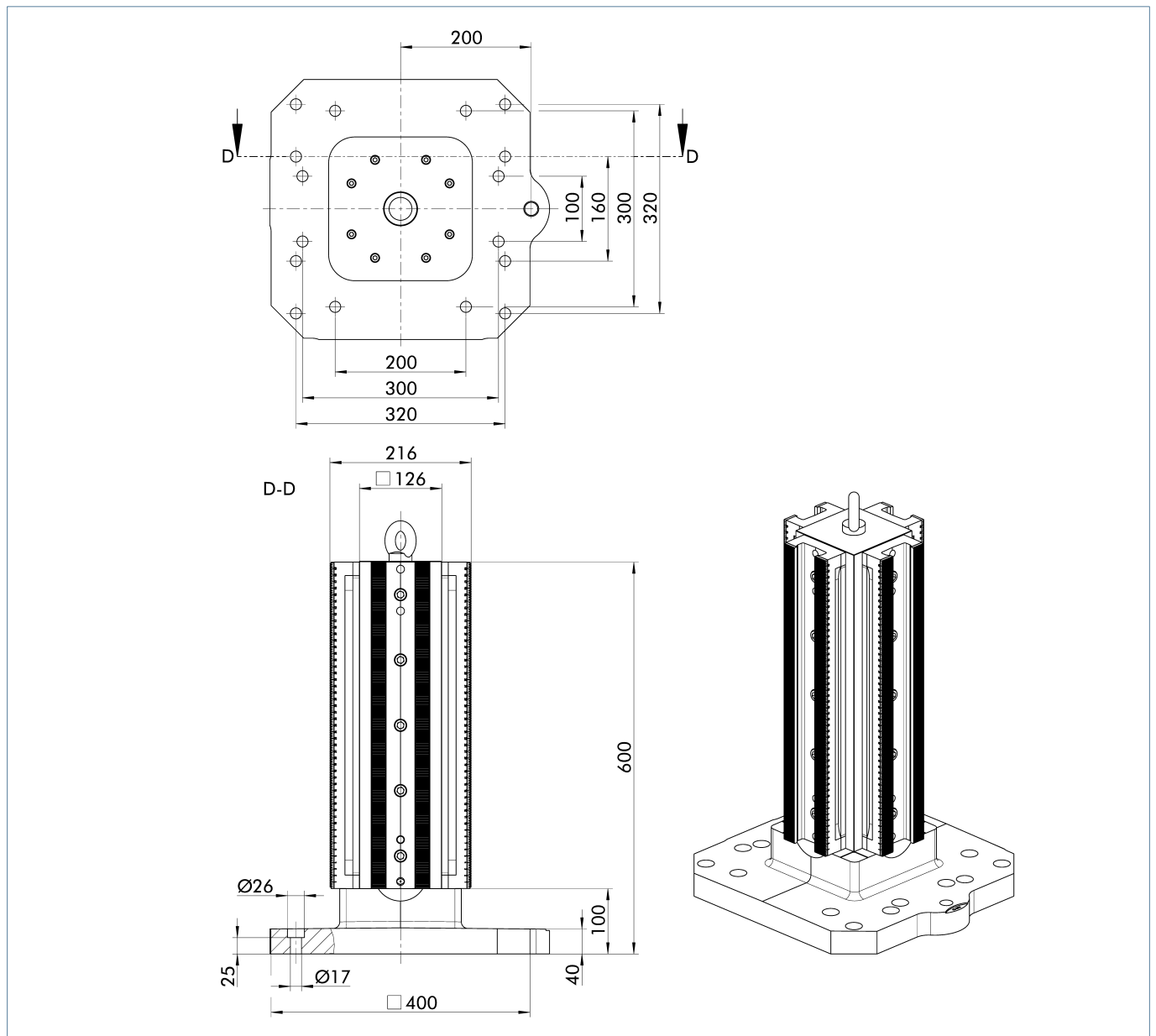
With multi clamping vise KSM2

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2



Description	ID	Base plate [mm]	Tombstone height [mm]
SAT-KSM2 90-500 4V 500 x 500	1346922	500 x 500	600



Clamping Pillar

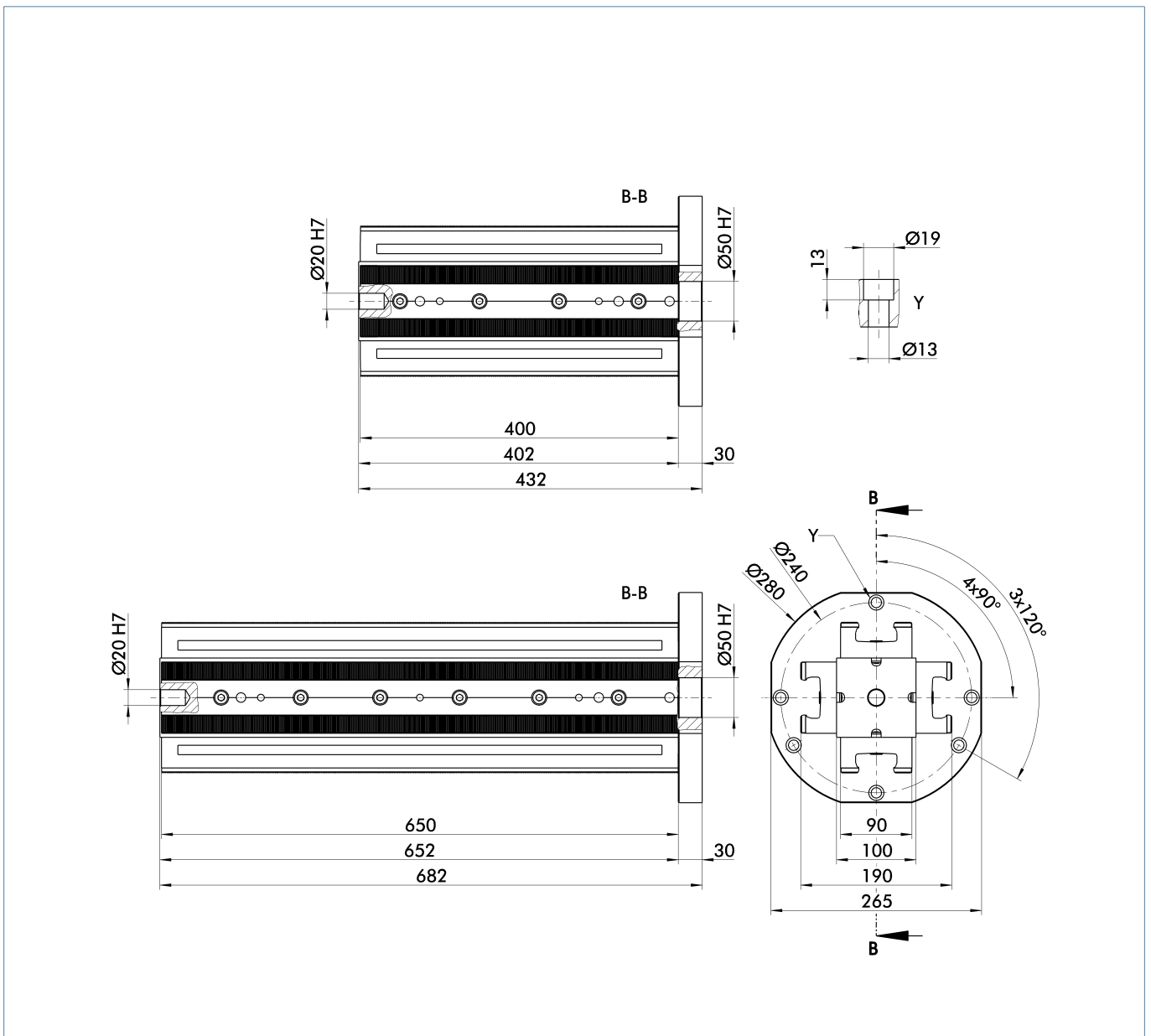
With clamping rails for dividing attachments

Scope of delivery

Clamping pillar including flange, four clamping rails KSM2




Description	ID	Rail width [mm]	Rail length [mm]	Weight [kg]
SSK KSM2 90-400	0490743	90	400	73
SSK KSM2 90-650	0490744	90	650	110



System Jaws

	Description	Suitable for	Width [mm]	ID
	Standard jaw smooth, fixed (1 piece) Fixed stop for workpieces. With smooth clamping surface on both sides.	KSM2 90	90	1329339
	Standard jaw grip, fixed (1 piece) Fixed stop for workpieces. With grip step of 3 mm and smooth clamping surface on both sides.	KSM2 90	40	0490728
			65	0490729
			90	0490730
	Adjustable jaw smooth (1 piece) The first side is used for mounting the clamping inserts for clamping the workpieces. The second side has a smooth clamping surface.	KSM2 90	90	1329342
	Adjustable jaw grip (1 piece) The first side is used for mounting the clamping inserts for clamping the workpieces. The second side has a grip step of 3 mm and a smooth clamping surface.	KSM2 90	40	0490731
			65	0490732
			90	0490733
	Adjustable jaw grip, height 165 mm (1 piece) Higher adjustable jaw for a better accessibility of the machine spindle. The first side is used for mounting the clamping inserts for clamping the workpieces. The second side is equipped with grip step of 3 mm and a smooth clamping surface.	KSM2 90	65	0490734
	Block jaw, fixed (1 piece) Central jaw for clamping two workpieces. Both sides have a grip step of 3 mm and a smooth clamping surface.	KSM2 90	90	1329340
	Prism jaw grip, fixed (1 piece) Central jaw from clamping of two bulky workpieces. Both sides have a prism-shaped grip step of 3 mm.	KSM2 90	90	1329341
	Adapter plate (1 piece) For clamping of bulky workpieces. (Clamping inserts are not included in the scope of delivery.)	KSM2 90	90	1329343
	Wedge clamping element, smooth (1 piece) Central jaw for clamping two workpieces. Both sides have a smooth clamping surface and a support height of 11 mm.	KSM2 90	90	1329345
	Wedge clamping element, grip 3 mm (1 piece) Central jaw for clamping two workpieces. Both sides have a grip step and a smooth clamping surface. Support height: 11 mm.	KSM2 90	90	1329347

System Jaws

	Description	Suitable for	Width [mm]	ID
	Wedge clamping element, serrated (1 piece) Central jaw for clamping two workpieces. Both sides have a serrated clamping surface and a support height of 11 mm.	KSM2 90	90	1329346






Clamping Inserts

	Description	Suitable for	Width [mm]	ID
	Pull-down jaw, serrated (1 piece) Clamping insert for adjustable jaws with serrated clamping surface and pull-down effect.	KSM2 90	40	0490750
	Pull-down jaw, serrated, round (1 piece) Clamping insert for adjustable jaws with round and serrated clamping surface and pull-down effect.	KSM2 90	90	1329348
	Parallel jaw, serrated, round (1 piece) Clamping insert for adjustable jaws with round and serrated clamping surface.	KSM2 90	90	1329349
	Parallel jaw, smooth (1 piece) Clamping insert for adjustable jaws with smooth clamping surface.	KSM2 90	40	0490778
			65	0490779
			90	0490780
	Parallel jaw, grip (1 piece) Clamping insert for adjustable jaws with a grip step of 3 mm and smooth clamping surface.	KSM2 90	40	0490751
			65	0490752
			90	0490753
	Parallel jaw, serrated (1 piece) Clamping insert for adjustable jaws with serrated clamping surface.	KSM2 90	90	0490786
	Pendulum jaw, serrated (1 piece) Clamping insert for adjustable jaws with serrated clamping surfaces, and pendulum mechanism for compensating small workpiece unevennesses.	KSM2 90	90	0490754
	Clamping wedge (1 piece) Clamping insert for adjustable jaws for mounting soft jaws.	KSM2 90	90	0490721



Clamping Inserts

	Description	Suitable for	Width [mm]	ID
	Soft jaw, aluminum (1 piece) suitable for clamping wedge ID 0490721	KSM2 90	90	0490722
	Soft jaw, steel (1 piece) suitable for clamping wedge ID 0490721	KSM2 90	90	0490777
	Clamping inserts for adapter plate			0403803

Jaw Product Range Top Jaws

	Description	Description	Suitable for [mm]	Width [mm]	Height [mm]	Depth [mm]	ID
	GBC 40-35-11	Hewn jaw (1 piece)	KSM2 90	40	35	11	0490555
	GBC 65-35-11			65	35	11	0490562
	GBC 90-35-11			90	35	11	0490569
	GBP 40-35-10	Ground jaw (1 piece)	KSM2 90	40	35	10	0490578
	GBP 65-35-10			65	35	10	0490579
	GBP 90-35-10			90	35	10	0490580
	GBW 40-35-16	Soft jaw (1 piece)	KSM2 90	40	35	16	0490556
	GBW 65-35-16			65	35	16	0490589
	GBW 90-35-16			90	35	16	0490570
	GBG 40-35-10	Jaw, grip (1 piece)	KSM2 90	40	35	10	0430183
	GBG 65-35-10			65	35	10	0490564
	GBG 90-35-10			90	35	10	0490571
	GBG-W 35-35-10.5	Jaw with reversible grip (1 piece)	KSM2 90	35	35	10.5	0430718

Adapter Plates

	Beschreibung	Suitable for	Width [mm]	ID
	Adapter plate with quick-change pallet system VERO-S NSE plus 138-V1 APK VERO-S NSE plus 138-V1 (1 piece)	KSM2 90	90	0471590
	Adapter plate with manual chuck ROTA-S plus 2.0 APK ROTA-S plus 2.0 160-42 (1 piece)	KSM2 90	90	0471591
	Adapter plate with centric clamping vise KSC2 APK KSC2 (1 piece)	KSM2 90	90	0471592

Accessories

	Description	Suitable for	Height [mm]	ID
	Torque wrench 5 - 50 Nm with square-drive 3/8", without hexagonal insert	KSM2 90		0432355
	Hexagonal pin insert SW 8 for torque wrench with 3/8"	KSM2 90		0490764
	Connectin element for connecting two clamping rails	KSM2 90		0490765
	Workpiece stop, medium	KSM2 90		0430710
	Workpiece support for KSM2 jaw width 40 mm Hardened and ground	KSM2 90	25	0490757
			30	0490787
	Workpiece support for KSM2 jaw width 65 mm Hardened and ground	KSM2 90	11	0490758
			17	0490759
			25	0490760
			30	0490788

Accessories

	Description	Suitable for	Height [mm]	ID
	Workpiece support for KSM2 jaw width 90 mm Hardened and ground	KSM2 90	11	0490761
			17	0490762
			25	0490763
			30	0490789
	Underlay, screwable, height 11 mm (1 piece)	KSM2 90	11	1329412
	Clamping screws for clamping claws	T-Nut 12 mm/M10		0432043
		T-Nut 14 mm/M12		0432044
		T-Nut 16 mm/M14		0432045
		T-Nut 18 mm/M16		0432046
	Clamping screws for multi clamping vises	T-Nut 12 mm		0490756
		T-Nut 14 mm		0490549
		T-Nut 16 mm		0490550
		T-Nut 18 mm		0490588
	Clamping screws	20/M12 für T-Nut 20		1329403
		22/M12 für T-Nut 22		1329404
		24/M12 für T-Nut 24		1329405
	Clamping claws	KSM2 90		0490604
	Fitting screw Ø 12f7/M12	KSM2 90		0432047
	Alignment and centering set	T-Nut 14 mm		0432209
		T-Nut 16 mm		0432210
		T-Nut 18 mm		0432211
	Orientation pins	D = 14h6 für T-Nut 14		1329406
		D = 14h6 für T-Nut 16		1329407
		D = 14h6 für T-Nut 18		1329408
	Adjustable support (1 piece) for vibration damping	KSM2 90		1329385

Accessories

	Description	Suitable for	Height [mm]	ID
	Support, height 8 mm (1 piece) for vibration damping	KSM2 90	8	1329386
	Support, height 13 mm (1 piece) for vibration damping	KSM2 90	13	1329387
	Cover plate 84 x 50 mm	KSM2 90		1334879
	Cover plate 86 x 50 mm	KSM2 90		1334878
	Cover plate 86 x 200 mm	KSM2 90		1334880

Catalog Order

Copy, complete, fax to +49-7133-103-2779



schunk.com/catalogorder



The SCHUNK Gripper Catalog

The world's most comprehensive gripper portfolio of more than 1,800 pages. Order now!

Gripping Systems

	Quantity
Highlights New Products Current innovations in SCHUNK Gripping Systems	<input type="checkbox"/>
Complete Program Gripping Systems Catalogs SCHUNK Grippers, Rotary Modules, Linear Modules, Robot Accessories	<input type="checkbox"/>
Catalog SCHUNK Grippers The compact SCHUNK Gripping Competence on over 1,760 pages	<input type="checkbox"/>
Catalog Linear Modules The whole variety of SCHUNK Linear Modules on over 750 pages	<input type="checkbox"/>
Catalog Rotary Modules Cutting-edge technology for rotary movements on more than 610 pages	<input type="checkbox"/>
Catalog Robot Accessories The SCHUNK End-of-Arm Competence on over 830 pages The optimum interaction between the robot arm and gripper	<input type="checkbox"/>
Product Overview SCHUNK Grippers SCHUNK Gripper at a glance	<input type="checkbox"/>
Product Overview Rotary Modules SCHUNK Rotary Modules at a glance	<input type="checkbox"/>
Product Overview Linear Modules SCHUNK Linear Modules at a glance	<input type="checkbox"/>
Product Overview Robot Accessories SCHUNK Robot Accessories at a glance	<input type="checkbox"/>
Product Overview Modular Assembly Automation Comprehensive range from the modular system	<input type="checkbox"/>
Product Overview Mechatronics³ Alternative – Adaptable – Intelligent	<input type="checkbox"/>

Depanelling Machine

Product Overview Depanelling Machine Solutions for the complete spectrum of depanelling technology	<input type="checkbox"/>
--	--------------------------

Clamping Technology

	Quantity
Highlights New Products Current innovations in SCHUNK Clamping Technology	<input type="checkbox"/>
Complete Program Clamping Technology Catalogs Toolholders, Stationary Workholding, Lathe Chucks, Chuck Jaws	<input type="checkbox"/>
Catalog Toolholders The complete precision toolholder range for perfect machining on around 520 pages	<input type="checkbox"/>
Catalog Lathe Chucks Lathe chucks for sophisticated machining of world-renowned quality on 650 compact pages	<input type="checkbox"/>
Catalog Chuck Jaws With 1,200 Types – the world's largest chuck jaw program on over 720 pages	<input type="checkbox"/>
Catalog Stationary Workholding The largest modular system for individualists with more than 500 variants for workpiece clamping on around 830 pages	<input type="checkbox"/>
Product Overview Lathe Chuck Technology The whole World of Lathe Chucks	<input type="checkbox"/>
Product Catalog MAGNOS Magnetic Clamping Technology 5-sided workpiece machining in one set-up	<input type="checkbox"/>
Product Catalog PLANOS Vacuum Clamping Technology The universal, modular designed clamping system with high holding forces	<input type="checkbox"/>
Catalog Hydraulic Expansion Technology More than 75,000 implemented customized clamping solutions for tool and workpiece	<input type="checkbox"/>
Product Catalog TRIBOS Micromachining The No. 1 in Micromachining	<input type="checkbox"/>

Synergy SCHUNK

Competence Catalog Clamping Technology Gripping Systems The SCHUNK No. 1 service provider for your processing machines and automated production processes	<input type="checkbox"/>
--	--------------------------

Company	Name	Department
Street	ZIP	City
Tel.	Fax	E-Mail

Plants

Germany



Headquarters Lauffen/Neckar

SCHUNK GmbH & Co. KG
Spann- und Greiftechnik
Bahnhofstr. 106 - 134
74348 Lauffen/Neckar
Tel. +49-7133-103-0
Fax +49-7133-103-2399
info@de.schunk.com
schunk.com



Brackenheim-Hausen

SCHUNK GmbH & Co. KG
Spann- und Greiftechnik
Wilhelm-Maybach-Str. 3
74336 Brackenheim-Hausen
Technical Sales
Tel. +49-7133-103-2503
Technical Support
Tel. +49-7133-103-2696
Fax +49-7133-103-2189
automation@de.schunk.com
schunk.com



Mengen

H.-D. SCHUNK GmbH & Co.
Spanntechnik KG
Lothringer Str. 23
88512 Mengen
Tel. +49-7572-7614-0
Fax +49-7572-7614-1039
futter@de.schunk.com
schunk.com



St. Georgen

SCHUNK Electronic Solutions GmbH
Am Tannwald 17
78112 St. Georgen
Tel. +49-7725-9166-0
Fax +49-7725-9166-5055
electronic-solutions@de.schunk.com
schunk.com



Huglfing

SCHUNK Montageautomation GmbH
Auwiese 16
82386 Huglfing
Member of SCHUNK Lauffen
Tel. +49-8802-9070-30
Fax +49-8802-9070-340
info@de.schunk.com
schunk.com



Plant Winkler Lauffen/Neckar

Winkler Präzisionswerkzeuge GmbH
Im Brühl 64
74348 Lauffen/Neckar
Member of SCHUNK Lauffen
Tel. +49-7133-97440-0
Fax +49-7133-97440-99
post@winkler-gmbh.de
schunk.com



Plant Eberhardt Clebronn

Eberhardt GmbH & Co. KG
Maybachstr. 2
74389 Clebronn
Member of SCHUNK Lauffen
Tel. +49-7135-9862-0
Fax +49-7135-9862-299
info@eberhardt-stanztechnik.com
schunk.com

International



Morrisville/North Carolina, USA

SCHUNK Intec Inc.
211 Kitty Hawk Drive
Morrisville, NC 27560
Tel. +1-919-572-2705
info@us.schunk.com
us.schunk.com



Aadorf, Switzerland

GRESSEL AG
Schützenstr. 25
8355 Aadorf
Tel. +41-52-368-16-16
Fax +41-52-368-16-17



Caravaggio, Italy

S.P.D. S.p.A.
Via Galileo Galilei 2/4
24043 Caravaggio (BG)
Tel. +39-0363-350360
Fax +39-0363-52578

Company

Name

Department

Street

ZIP

City

Tel.

Fax

VAT No.



Order

Pos.	Quantity	Type	ID
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

The general terms of sales and conditions of SCHUNK GmbH & Co. KG apply.
schunk.com

Date

Signature

No. 1

for safe, precise gripping
and holding.



J. Lehmann

Jens Lehmann, German goalkeeper legend,
SCHUNK brand ambassador since 2012
for safe, precise gripping and holding.
schunk.com/lehmann

852 minutes without a
goal against him in the
Champions League

681 minutes without a goal
against him on the national team

2 intercepted penalties
in the 2006 World Cup

1 headed goal as a goalie

0 defeats English Soccer Champion

and

More than **2,000,000**
sold precision toolholders

About **1,000,000**
delivered SCHUNK grippers

More than **100,000**
lathe chucks and stationary
workholding systems are in use
worldwide

More than **16,000,000**
sold standard chuck jaws

More than **75,000**
implement hydraulic expansion
customized solutions

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

Lothringer Str. 23

D-88512 Mengen

Tel. +49-7572-7614-1301

Fax +49-7572-7614-1039

spannsysteme@de.schunk.com

schunk.com

Follow us

