



APPLICATION

Optimized for modern CNC milling machines and machining centers with very high working precision.

TYPE

Size 1: Clamping system, mechanical-hydraulic.
Size 2-5: Clamping system, mechanical-mechanical.

CUSTOMER BENEFITS

- ② Drive spindle with clamping force presetting
- ② Deformation-resistant design for maximum clamping precision
- ② Fastening thread for workpiece stop
- ② Clamping surface for clamping claws
- ② With grease nipples installed on both sides, that all guides subject to wear and the spindle thread can be lubricated quickly and easily

TECHNICAL FEATURES

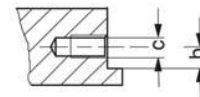
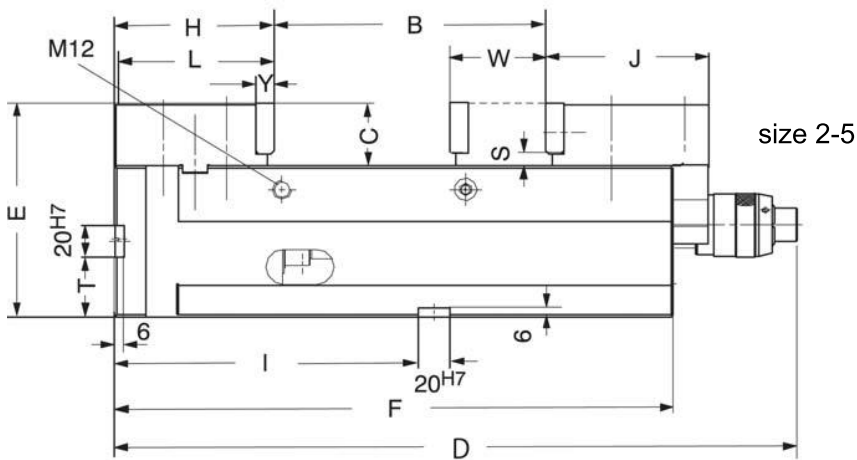
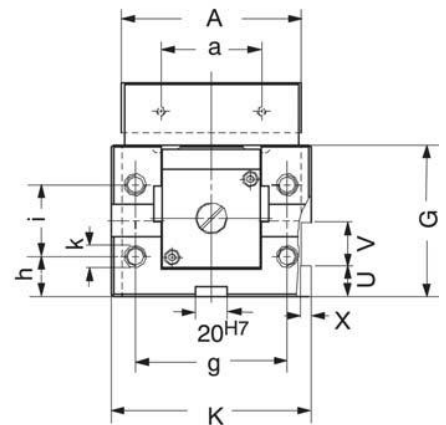
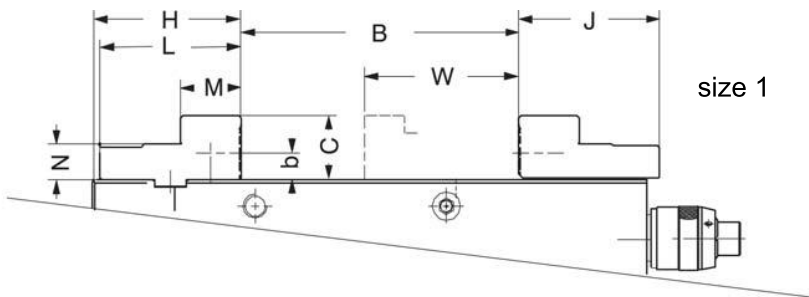
- Sturdy steel body and all guides are hardened and ground on all sides
- Size 1: Long clamping slide with slot and tenon, hardened on all sides, functional surface ground
- Sizes 2-5: Long clamping slide with toothing

A32
RKK, with standard jaws SA and SGN normal jaw

NC-Compact vices
RKK

Item no.	162640 ¹⁾	151342	148545	148682	149371
Size	1	2a	3	4	5
Jaw width A mm	92	113	135	160	200
Clamping capacity B mm	0-138	0-170	0-215	0-340	0-340
C mm	32	39	49	60	70
D mm	330	424	483	618	618
E mm	112	133	148	179	189
F mm	276	350	400	525	525
G-0,02 mm	80	95	100	120	120
H-0,05 mm	73	100	110,5	130	130
J mm	70	102	102	110	110
K mm	94	125	150	205	205
L mm	70	99	109	128	128
M mm	30	-	-	-	-
N mm	18	-	-	-	-
S mm	-	7,4	9,4	10,4	7,4
T-0,02 mm	30	37,5	40	50	50
U mm	20	20	20	20	20
V mm	20	40	40	40	40
W mm	68	125	168	235	235
X mm	4,5	6,5	6,5	6,5	6,5
Y mm	-	11,6	15,6	15,6	19,6
Clamping travel mm	70	50	60	108	108
a mm	63	63	80	100	125
b mm	13,6	13,6	15,6	19,6	24,6
c mm	M6x11	M6x12	M8x13	M8x13	M10x15
g mm	70	95	110	145	145
h mm	20	25	22,5	20	20
i mm	40	45	55	80	80
k x depth	M10x12	M12x20	M12x22	M16x20	M16x20
l-0,02 mm	140	190	240	365	365
Clamping force kN	25	40	40	60	60
Weight kg	15	35	50	107	108

¹⁾ With stepped jaws



Accessories RKK

A37

Standard top jaws SA, reversible for screwing on clamping jaws, with fixing screws

Item no.	Contents of delivery	Size	Width mm	Height mm
149233	set	2a	109	39
149236	set	3	132	49
149373	set	4	157	60
149374	set	5	197	70



A37

Top jaws SN, reversible, for hooking in quick-change clamping inserts and for screwing on clamping jaws, with fixing screws

Item no.	Contents of delivery	Size	Width mm	Height mm
149239	set	2a	108	49
149240	set	3	133	53
149375	set	4	158	67
149376	set	5	198	67



A37

Carrier jaws TB, reversible for screwing on claw inserts or special jaws, with fixing screws

Item no.	Contents of delivery	Size	Width mm	Height mm
148687	set	2a	110	25
147748	set	3	135	30
148688	set	4	160	30
149384	set	5	200	30



A37

Claw insert KRE, for carrier jaws 743-70, with fixing screw

Item no.	Contents of delivery	Size	Ø J mm	C mm
146070	piece	3/4/5/2a	30	20



A37

Claw jaws with fine step, 2.5 mm clamping depth

Item no.	Contents of delivery	Size	Width mm	Height mm	Thickness mm
166514	set	125	92	32	14
166520	set	160	125	40	16
166522	set	200	160	50	18



Accessories RKK

A37
Claw jaws without step, universal for clamping depth >2.5 mm



Item no.	Contents of delivery	Size	Width mm	Height mm	Thickness mm
166661	set	125	92	32	14
166667	set	160	125	40	16
166669	set	200	160	50	18

A37
Normal jaw SGN, one side smooth, one side grooved, both sides ground



Item no.	Contents of delivery	Size	Width mm	Height mm
152752	piece	92	92	31,6
152753	piece	2a	113	31,6
152754	piece	3	135	39,6
152755	piece	160	160	49,6
152759	piece	200	200	62,6

A37
Normal jaw finely checkered SGNf, reversible, to increase the specific contact pressure (higher holding forces), one side finely checkered, one side longitudinally grooved



Item no.	Contents of delivery	Size	Width mm	Height mm
163218	piece	92	92	31,6
156195	piece	2a	113	31,6
156196	piece	3	135	39,6
156197	piece	160	160	49,6
156198	piece	200	200	62,6

A37
V-jaw SPR, with vertically and horizontally ground-in prisms, hardened, for combination with SGN



Item no.	Contents of delivery	Size	Width mm	Height mm	Chuckling capacity mm	
					Horizontal	Vertical
128770	piece	92	92	31,6	3-13	5-32
082362	piece	2a	113	31,6	3-13	5-32
082363	piece	125	135	39,6	4-20	6-40
082364	piece	160	160	49,6	5-29	7-48
082365	piece	200	200	62,6	6-37	8-56

A37
Draw-down jaws SNF, with spring plate, hardened and ground



Item no.	Contents of delivery	Size	Width mm	Height mm
077104	set	2a	113	31,6
077105	set	125	135	39,6
077106	set	160	160	49,6
077107	set	200	200	62,6

A37
V-jaw and standard jaw SBO, unhardened and burnished, with workpiece support



Item no.	Contents of delivery	Size	Width mm	Height mm	Chuckling capacity mm	
					Horizontal	Vertical
317259	set	2a	110	31,8	3-12	5-32
317260	set	125	135	39,8	3-13	6-40
317261	set	4	160	49,8	5-22	7-48

Accessories NC-Compact vices RKK

Accessories RKK

A37

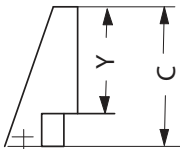
Normal jaw SGNA, with movable workpiece stop, hardened and ground


Item no.	Contents of delivery	Size	Width mm	Height mm
150739	piece	2a	113	31,6
150740	piece	125	135	39,6
150741	piece	4	160	49,6

A37

Standard inserts NCS, hardened and ground for machined workpieces without angular error

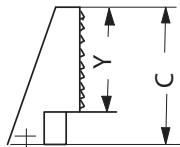

Item no.	Contents of delivery	Size	Width mm	C mm	Y mm
147953	set	2a	110	49	36
147954	set	3	135	53	40
147955	set	4	160	67	50
158823	set	5	200	67	50



A37

Standard inserts finely checkered NCSf, with small surface area to increase the specific surface clamping (higher holding forces)

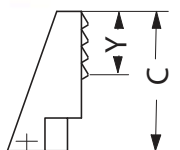

Item no.	Contents of delivery	Size	Width mm	C mm	Y mm
163227	set	2a	110	49	36
163228	set	3	135	53	40
163229	set	4	160	67	50
163230	set	5	200	67	50



A37

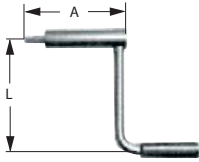
Claw inserts NCK, hardened and ground, for unmachined workpieces


Item no.	Contents of delivery	Size	Width mm	C mm	Y mm
148916	set	2a	110	49	24
148917	set	3	135	53	24
148918	set	4	160	67	45
159447	set	5	200	67	45



Accessories RKK

A37
Hand crank, turnable handle, hexagon socket



Item no.	Contents of delivery	Size	Hexagon	A	L
134198	piece	92	12	60	90
134600	piece	125/160/200	14	104	160

A37
90° Angle drive, for RKK 92 / RKE-L 92, for fastening NC-compact vices, advantageous for front-sided set-up or for large machine tables



Item no.	Contents of delivery	Size	A	B	C
154185	piece	92	113,5	90	83,5

A37
90° Angle drive, for RKK 2-5



Item no.	Contents of delivery	Size	A	B	C
151650	piece	2/2a	154	93,5	98
151651	piece	3	161	101	98
151652	piece	4/5	174	111	98

A37
Single clamp SPE, for mounting vices on end and on the base



Item no.	Contents of delivery	T-slot	Thread
149121	piece	12	M10x50
149122	piece	14	M12x55
149123	piece	16	M12x60
149124	piece	18	M16x60
155722	piece	20	M16x65
151507	piece	22	M16x65

A37
Fixed slot nuts NTS, hardened and ground, with fixing screw



Item no.	Contents of delivery	Size	Length mm
014823	set	20x12	22
014825	set	20x14	25
014827	set	20x16	25
014829	set	20x18	25
014831	set	20x20	22
014833	set	20x22	32

Accessories NC-Compact vices RKK