

RKE-LV - with power transmitter, short design



APPLICATION

Optimized for collision-free 5-axis machining in one set-up.
Specially suited for 5-axis machines in combination with a base plate.

TYPE

Clamping system mechanical-mechanical with power transmitter, manually operated.
Short, compact design.

CUSTOMER BENEFITS

- ☺ With tension clamping, zero point of the workpiece on the operator side
- ☺ Large clamping range
- ☺ High-precision positioning
- ☺ Stable chip guard for longer life

TECHNICAL FEATURES

- Sturdy steel body and all guides are hardened and ground on all sides
- Carrier jaws incl. swivelable claw inserts for round and rectangular workpieces
- **Clamping ranges carrier jaws:**
Rightangular workpieces: 35 - 215 mm
Circular workpieces: 65 - 225 mm

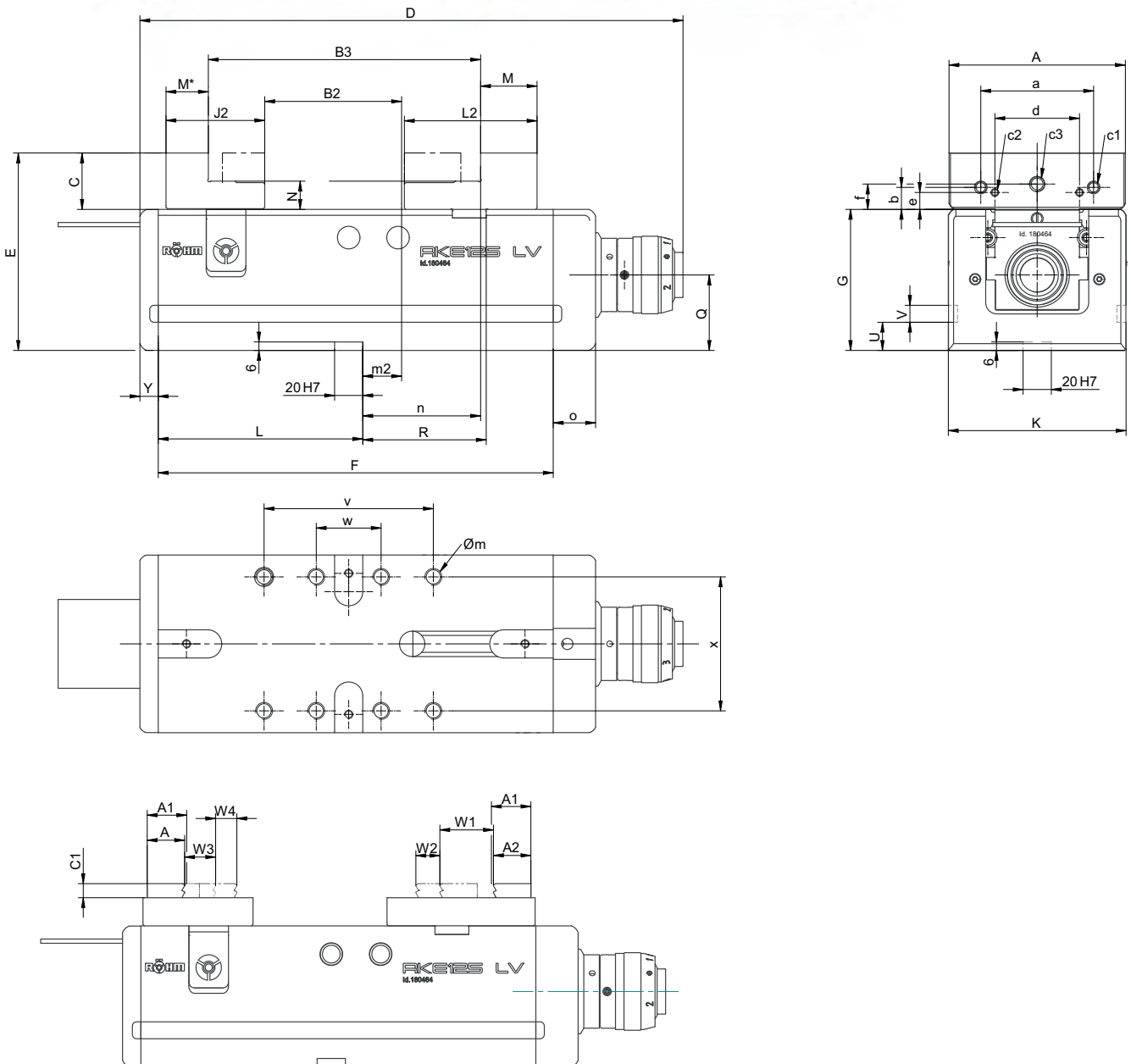
RKE-LV = RÖHM, compact, single clamping, light design, short design

A32

RKE-LV, with reversible stepped jaws or carrier jaws

Item no.	180464 ▲	180465 ▲
Jaw width A mm	125	125
Jaw design	stepped jaws	carrier jaws
B2 mm	0-96	35-215
B3 mm	96-192	65-225
C mm	40	20
D mm	385	385
E mm	140	130
F mm	280	280
G _{±0,02} mm	100	100
J2 mm	70	78
K mm	126	126
L mm	145	145
L2 mm	94	105
M mm	40	-
M* mm	30	-
N _{±0,01} mm	20	20
O mm	30	30
Q mm	53,5	53,5
R mm	87,5	87,5
U mm	20	20
V mm	12	12
Y mm	13	13
a mm	60	-
b mm	15,6	-
c1	M8	-
c2	M5	-
c3	M10	-
d mm	80	-
e mm	12	-
f mm	18	-
m2±0,02 mm	27,5	-
n±0,02 mm	83,5	-
o mm	30	30
v mm	120	120
w mm	46	46
x mm	95	95
Øm x depth	M12x20	M12x20
Clamping force kN	40	40
A1 mm	-	28
A2 mm	-	26,5
C1 mm	-	10
W1 mm	-	38
W2 mm	-	17
W3 mm	-	22
W4 mm	-	15
Weight kg	29	29

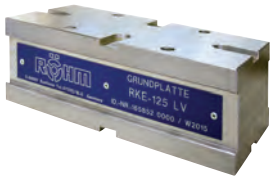
RKE-LV - with power transmitter, short design



NC-Compact vices
RKE-LV

Accessories RKE-LV

A37
Standard base plate GP



Item no.	Contents of delivery	Size	Length	Width	Height	Weight kg
165852 ▲	piece	125	280	126	90	24

A37
Standard top jaws SA, reversible



Item no.	Contents of delivery	Size	Width mm	Height mm
162628 ▲	set	125	125	40

A37
One-piece steel top jaws, for self-production of formed jaws or for clamping formed parts



Item no.	Contents of delivery	Size	Width mm	Height mm
160352	set	125	125	60

A37
Stepped jaws SB, reversible



Item no.	Contents of delivery	Size	Width mm	Height mm
178230	set	125	125	40

A37
Double stepped jaws DSB, „smooth“



Item no.	Contents of delivery	Size	Width mm	Height mm
168693 ▲	set	125	62	60

A37
Carrier jaws TB, without swivelling claw inserts



Item no.	Contents of delivery	Size	Width mm	Height mm
165856	set	125	125	20

A37
Carrier jaws, without claw inserts

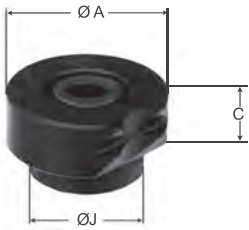


Item no.	Contents of delivery	Size	Width mm	Height mm
165861	set	125	160	20

Accessories RKE-LV

A37

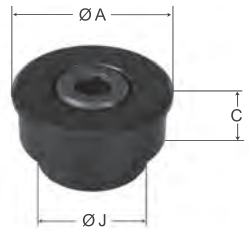
Swivelling claw inserts, for carrier jaws 743-72



Item no.	Contents of delivery	Size	Height mm
165854	piece	125	10

A37

Tensioner, for carrier jaws 743-72



Item no.	Contents of delivery	Size	Height mm
169389	piece	125	10

A37

Claw jaws SKB with fine step, 2.5 mm clamping depth



Item no.	Contents of delivery	Size	Width mm	Height mm	Thickness mm
166520	set Including fixing screws	125	125	40	16

A37

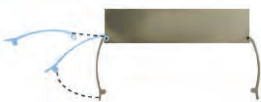
Claw jaws SKB without step, universal for clamping depth > 2.5 mm



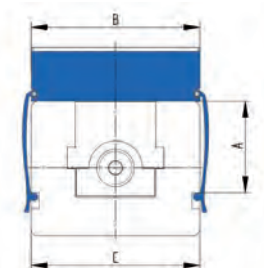
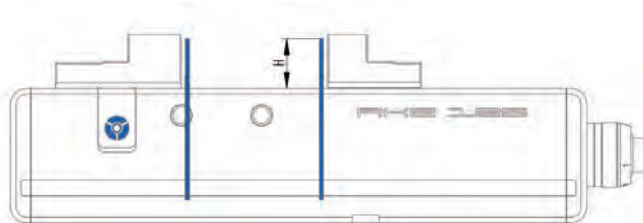
Item no.	Contents of delivery	Size	Width mm	Height mm	Thickness mm
166667	set Including fixing screws	125	125	40	16

A37

Support rails Cliparc, set with 10 different pairs of rails and 4 clamps in wooden box



Item no.	Web height A	Jaw width B mm	Rail height H	Guiding width C	Spare clamp (Set = 4 pieces)
1269622	68	125	10/15/20/25/28/30/33/35/36/37	126	1269625



Accessories RKE-LV

A37

Standard jaws SGN, one side smooth, one side grooved, hardened and ground



Item no.	Contents of delivery	Size	Width mm	Height mm
158897	set	125	125	39,7

A37

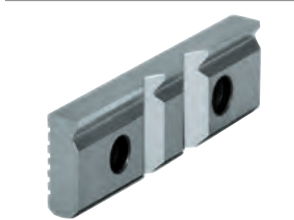
Standard jaws finely checkered SGNf, reversible, to increase the specific contact pressure (higher holding forces), one side finely checkered, one side longitudinally grooved



Item no.	Contents of delivery	Size	Width mm	Height mm
163225	set	125	125	39,7

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	Chucking capacity mm	
					Horizontal	Vertical
082363	piece	125	135	39,6	4-20	6-40

Including fixing screws

A37

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



Item no.	Contents of delivery	Size	Width mm	Height mm
150740 ▲	piece	125	135	39,6

Including fixing screws

A37

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



Item no.	Contents of delivery	Size	Width mm	Height mm
077105 ▲	set	125	135	39,6

Including fixing screws

A37

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



Item no.	Contents of delivery	Size	Width mm	Height mm	Chucking capacity mm		Step
					Horizontal	Vertical	
317260	set	125	135	39,8	3-13	6-40	4x4,3

Including fixing screws

Accessories RKE-LV

A37

Hand crank, turnable handle, hexagon socket


Item no.	Contents of delivery	Size	Hexagon	A	L
134600	piece	125	14	104	160

A37

Angle drive 90°


Item no.	Contents of delivery	Size	A	B	C
158339	piece	125	133	106	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