

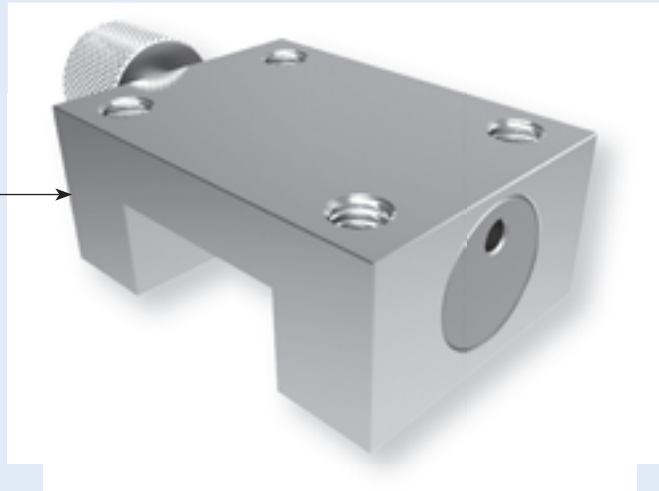
## Small and efficient! Miniature Manual Clamping miniHK.

The miniHK series is a manually actuated clamping element and is manufactured completely from stainless steel. By tightening the clamping screw, the contact sections are pressed synchronously against the free surfaces of the section rail guide.

The floating contact sections guarantee symmetric power transmission.

## miniHK Series

Base module



### Technical data for miniHK series:

Rail size	5-42
Holding forces	40 N-300 N
Fastening torque	0.11 Nm-2.50 Nm
Spring-loaded energy storage	-
PLUS-connection	-
Clamping cycles	50,000 (B10d - value)
Braking cycles	unsuitable

### Application scenarios for miniHK:

- Placement robot
- Measuring instruments
- Assembly aids
- Medical equipment
- Optical equipment

### Operation for miniHK:

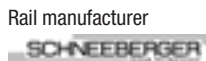
With clamping screw.



Type of rail	Size	Type of carriage	Item number	Adapting plate (for height compensation)	Measure D [mm] <sup>*1</sup>	Measure table (page 34)
SRS	5	SRS..M	☉		6	☉
	7	SRS..M	☉		8	☉
	9	SRS..M, SRS..N	HK 0900 M		10	2
	12	SRS..M, SRS..N	HK 1200 M		13	3
	15	SRS..M, SRS..N	HK 1500 M		16	4
	20	SRS..M	HK 2000 M		20	5
SRS-W	25	SRS..M	HK 2500 M		25	8
	5	SRS..WM	☉		6,5	☉
	7	SRS..WM	☉		9	☉
	9	SRS..WM, SRS..WN	HK 0900 MW		12	11
	12	SRS..WM, SRS..WN	HK 1200 MW		14	12
RSR	15	SRS..WM, SRS..WN	HK 1500 MW		16	13
	5	RSR..M, RSR..N, RSR..TN	☉		6	☉
	7	RSR..M, RSR..N, RSR..ZM, RSH..M	HK 0700 M		8	1
	9	RSR..KM, RSR..N, RSR..ZM, RSH..KM	HK 0900 M		10	2
	12	RSR..VM, RSR..N, RSR..ZM, RSH..VM	HK 1200 M		13	3
RSR-W	15	RSR..VM, RSR..N, RSR..ZM	HK 1500 M		16	4
	20	RSR..VM, RSR..N	HK 2000 M		25	6
	3	RSR..WM, RSR..WN	☉		4,5	☉
	5	RSR..WM, RSR..WTM, RSR..WN, RSR..WTN	HK 0500 MW		6,5	9
	7	RSR..WM, RSR..WTM, RSR..WN, RSR..WTN, RSR..WZM, RSH..WZM	HK 0700 MW		9	10
	9	RSR..WV, RSR..WVM, RSR..WN, RSR..WZM, RSH..WZM	HK 0900 MW		12	11
EPF	12	RSR..WV, RSR..WVM, RSR..WN, RSR..WZM, RSH..WZM	HK 1200 MW		14	12
	15	RSR..WV, RSR..WVM, RSR..WN, RSR..WZM, RSH..WZM	☉		16	☉
	7	EPF..M	☉		8	☉
	9	EPF..M	☉		10	☉
	12	EPF..M	☉		13	☉
	15	EPF..M	HK 2000 M		16	4



R0445	7	R0442, R0444	HK 0700 M		8	1
	9	R0442..9/M3, R0444..9/M3	HK 0900 M		10	2
	12	R0442, R0444	HK 1200 M		13	3
	15	R0442, R0444	HK 1500 M		16	4
	20	R0442	HK 2000 M		25	6
R0455	9/M3	R0441, R0443	☉		12	☉
	12	R0441, R0443	☉		14	☉
	15	R0441, R0443	HK 1500 MW		16	13



MN	7	MNN, MNNL, MNNXL	HK 0700 M		8	1
	9	MNN, MNNL, MNNXL	HK 0900 M		10	2
	12	MNN, MNNL, MNNXL	HK 1200 M		13	3
	15	MNN, MNNL, MNNXL	HK 1500 M		16	4
MN	14	MNN, MNNL	HK 0700 MW		9	10
	18	MNN, MNNL	HK 0900 MW		12	11
	24	MNN, MNNL	HK 1200 MW		14	12
	42	MNN, MNNL	HK 1500 MW		16	13



LWL	5	LWLC..B, LWLC..N, LWL..B, LWL..N	HK 0500 M		6	7
	7	LWLC..B, LWLC..N, LWL..B, LWL..N, LWLG..B, LWLG..N	HK 0700 M		8	1
	9	LWLC..B, LWLC..N, LWL..B, LWL..N, LWL..BCS, LWLG..B, LWLG..N	HK 0900 M		10	2
	12	LWLC..B, LWL..B, LWL..BCS, LWLG..B, LWL..CS	HK 1200 M		13	3
	15	LWLC..B, LWL..B, LWL..BCS, LWLG..B, LWL..CS	HK 1500 M		16	4
	20	LWLC..B, LWL..B, LWL..BCS, LWLG..B	HK 2000 M		20	5
LWLF	25	LWLC..B, LWL..B, LWLG..B	HK 2500 M		25	8
	10	LWLF..B, LWLF..N, LWLF..B, LWLF..N	HK 0500 MW		6,5	9
	14	LWLF..B, LWLF..N, LWLF..B, LWLF..N	HK 0700 MW		9	10
	18	LWLF..B, LWLF..N, LWLF..B, LWLF..BCS, LWLF..N, LWLFG..B, LWLFG..N, LWLF..CS	HK 0900 MW		12	11
	24	LWLF..B, LWLF..B, LWLF..BCS, LWLFG..B, LWLF..CS	HK 1200 MW		14	12
	30	LWLF..B, LWLF..B, LWLF..BCS, LWLFG..B	☉		15	☉
	42	LWLF..B, LWLF..B, LWLF..BCS, LWLFG..B, LWLF..CS	HK 1500 MW		16	13

\*1 Supplements the measure table and datasheet

See page 10 for part number explanation

Type of rail	Size		Item number	(for height compensation)	Measure D [mm] <sup>*1</sup>	(page 34)
ML	5	MLC, ML	Ⓢ		6	Ⓢ
	7	MLC, ML, MLG	Ⓢ		8	Ⓢ
	9	MLC, ML, MLG	HK 0900 M		10	2
	12	MLC, ML, MLG	Ⓢ		13	Ⓢ
	15	MLC, ML, MLG	HK 1500 M		16	4
	20	MLC, ML, MLG	Ⓢ		20	Ⓢ
	25	MLC, ML, MLG	Ⓢ		25	Ⓢ

Rail manufacturer  
**IKO**

miniHK

TKDM (KUME)	5	KWEM, KWEM..-C	Ⓢ		6	Ⓢ
	7	KWEM, KWEM..-L, KWEM..-C	HK 0700 M		8	1
	9	KWEM, KWEM..-L, KWEM..-C	HK 0900 M		10	2
	12	KWEM, KWEM..-L, KWEM..-C	HK 1200 M		13	3
	15	KWEM, KWEM..-L, KWEM..-C	HK 1500 M		16	4
TKMD..C	12	KWME..C	HK 1200 M		13	3
	15	KWME..C	HK 1500 M		16	4

Rail manufacturer



MGN	7	MGN..C, MGN..H	HK 0700 M		8	1
	9	MGN..C, MGN..H	HK 0900 M		10	2
	12	MGN..C, MGN..H	HK 1200 M		13	3
	15	MGN..C, MGN..H	HK 1500 M		16	4
MGW	7	MGW..C, MGW..H	HK 0700 MW		9	10
	9	MGW..C, MGW..H	Ⓢ		12	Ⓢ
	12	MGW..C, MGW..H	HK 1200 MW		14	12
	15	MGW..C, MGW..H	HK 1500 MW		16	13

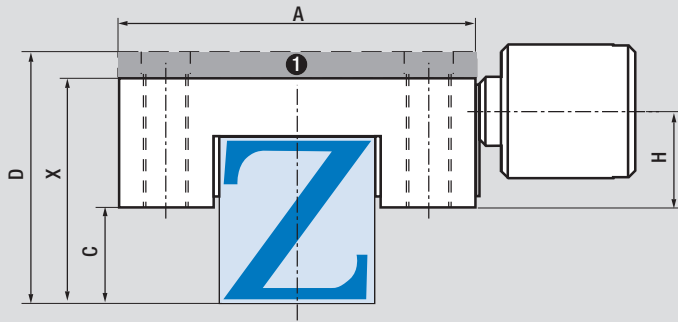
Rail manufacturer  
**HIWIN**  
Lineartechnologie

PU	5	PAU..TR	HK 0500 M		6	7
	7	PAU..AR	HK 0700 M		8	1
	9	PAU..TR	HK 0900 M		10	2
	12	PAU..TR	HK 1200 M		13	3
	15	PAU..AL	HK 1500 M		16	4
LU	15	LAU..AL	HK 1500 M		16	4
PE	5	PAE..AR	Ⓢ		6,5	Ⓢ
	7	PAE..TR	HK 0700 MW		9	10
	9	PAE..TR	HK 0900 MW		12	11
	12	PAE..AR	HK 1200 MW		14	12
	15	PAE..AR	HK 1500 MW		16	13

Rail manufacturer  
**NSK**

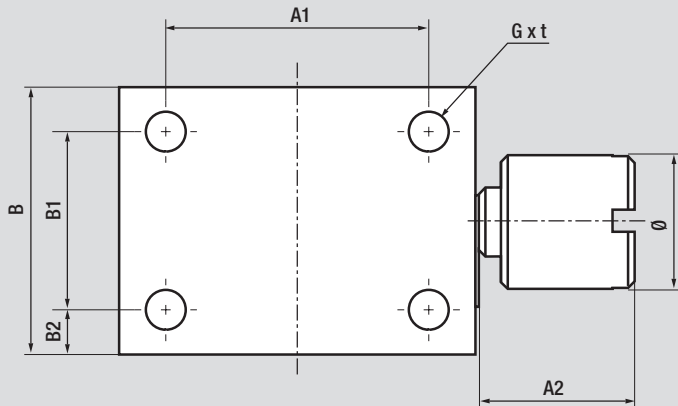
\*<sup>1</sup> Supplements the measure table and datasheet

See page 10 for part number explanation



**Note: Consider measurement C /Interfering contour**

① Adapting plate PHK (accessories)



Measure table	Holding Power [N] miniHK	Fastening torque [Nm]	A [mm]	A1 [mm]	A2 [mm]	B [mm]	B1 [mm]	B2 [mm]	C [mm]	X [mm]	G x t [mm]	Ø [mm]	H [mm]
1	65 / 0,11		17	12	7	12	8	2	2	8	M2x2,5	6	4,3
2	100 / 0,17		20	15	9	17	11	3	2,7	10	M3x3	8	5,35
3	150 / 0,35		27	20	10	19	13	3	3,5	13	M3x3,6	10	7,15
4	180 / 0,75		32	25	14	20	14	3	5	16	M3x4	12	8,05
5	220 / 1,30		46	38	14	26	19	3,5	5	20	M4x6	14	9,60
6	220 / 1,30		46	38	14	26	19	3,5	10	25	M4x6	14	9,60
7	40 / 0,67		12	8	5	14	10	2	1,5	6	M2x4,5	4	3,4
8	300 / 2,50		48	35	16	35	24	5,5	5	25	M6x7	16	14,9
9	40 / 0,07		17	13	5	14	10	2	2	6,5	M2x4,5	4	3,4
10	65 / 0,10		25	19	6,65	12	8	2	3	9	M2x6	6	4,3
11	100 / 0,17		30	17	9	17	11	3	4,2	12	M3x3	8	5,85
12	150 / 0,35		40	30	10	19	13	3	4	14	M3x3,6	10	7,65
13	180 / 0,75		60	45	14,7	22	15	3,5	4,5	16	M4x4,5	12	8,55