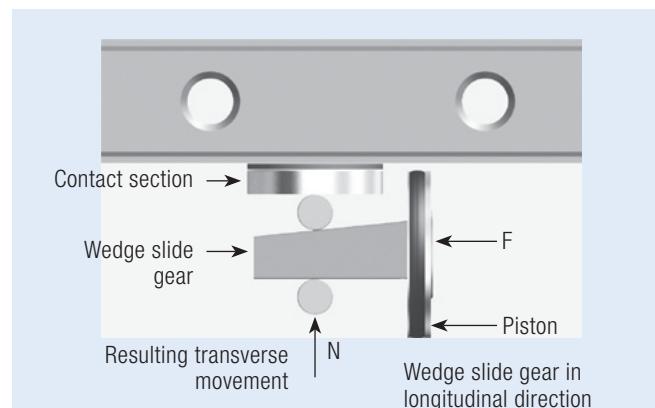
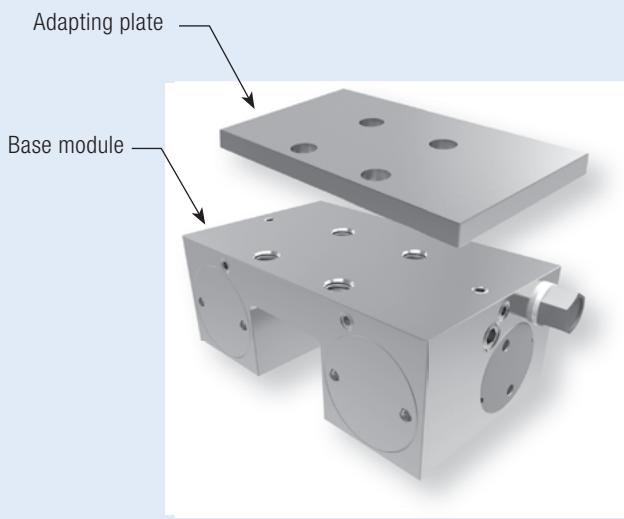
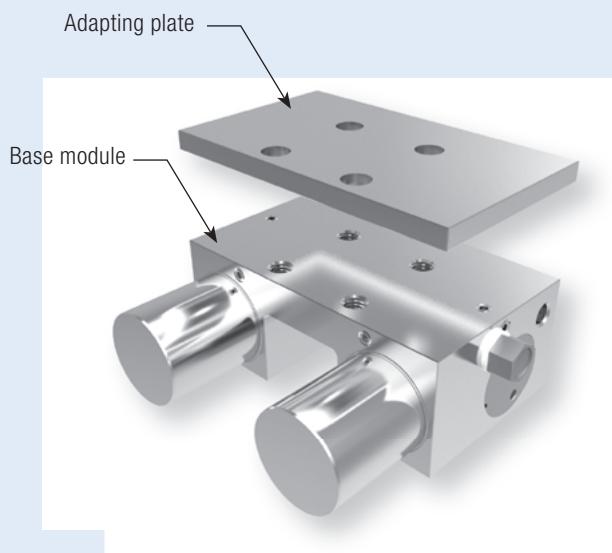


High holding forces – low cost: The pneumatic Clamping Element MK/MKS.

The MK/MKS series is the classic Zimmer clamping element. The patented wedge slide gear achieves high supporting forces. The pressure medium moves the wedge slide gear in a longitudinal direction. The resulting transverse movement presses contact sections

with high force against the free surfaces of the section rail guide. The MK is clamped (closed) by pneumatic pressure. The MKS is clamped (closed) by spring-loaded energy storage and is opened by pneumatic pressure.



MK Series**MKS Series****Technical data for MK series:**

Rail size	12-100
Holding forces	350 N-2,250 N
Min. pressure	6 bar
Max. pressure	8 bar
Spring-loaded energy storage	-
PLUS connection	-
Clamping cycles	5 mil. (B10d-value)
Braking cycles	unsuitable

Application scenarios for MK:

- Positioning of axes
- Fixing of vertical axes
- Positioning of lifting devices
- Clamping of machine tables

Connection options for MK/MKS:

The MK/MKS series have air connections on both sides as part of their standard equipment. This means that the air connection and the air-release filter can be moved over to the opposite side.

Higher supporting forces with PLUS connection (MKS only):

By using a 5/2 (overflow-free) or 5/3 valve it is possible to support the spring power with pneumatic pressure. By using the PLUS connection, the stated supporting force will be increased.

When the PLUS connection (MKS only) is being used the air-release filter is replaced by connecting a second pneumatic tube (see drawing).

For further information, please refer to the assembly instructions or visit www.zimmer-gmbh.com.

*Note: With PLUS connection, the B10d value is not achieved

Technical data for MKS series:

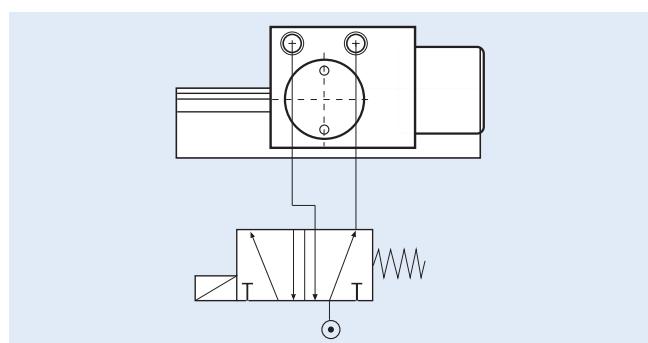
Rail size	12-100
Holding forces	250 N-1,450 N
Min. pressure	5.5 bar
Max. pressure	8 bar
Spring-loaded energy storage	✓
PLUS-connection	✓
Clamping cycles	5 mil. (B10d-value)*
Braking cycles	unsuitable

Application scenarios for MKS:

- Clamping in case of pressure drop
- Clamping without energy requirement

Adapting plate accessory for MK/MKS:

Depending on the height of the carriage (measure D), an additional adapting plate is required (see table from page 38).



	Type of rail	Size	Type of carriage	Item number	Adapting plate [for height compensation]	Measure D [mm] ^{*1}	Measure table [page 48 and 49]
SR, SSR		15	SR..W, SR..WM, SR..V, SR..VM, SR..TB, SR..TBM, SR..SB, SR..SBM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM, SSR..XTB	MK/MKS 1501 A		24	1
		20	SR..W, SR..WM, SR..V, SR..VM, SR..TB, SR..TBM, SR..SB, SR..SBM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM, SSR..XTB	MK/MKS 2001 A		28	7
		25	SR..W, SR..WM, SR..V, SR..VM, SR..TB, SR..TBM, SR..SB, SR..SBM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM, SSR..XTB	MK/MKS 2501 A		33	17
		30	SR..W, SR..WM, SR..V, SR..VM, SR..TB, SR..TBM, SR..SB, SR..SBM, SSR..XW, SSR..XWM	MK/MKS 3001 A		42	29
		35	SR..W, SR..WM, SR..V, SR..VM, SR..TB, SR..TBM, SR..SB, SR..SBM, SSR..XW, SSR..XWM	MK/MKS 3501 A	PMK 35-3	48	36
		45	SR..W, SR..TB	MK/MKS 4501 A		60	46
		55	SR..W, SR..TB	MK/MKS 5501 SR		68	55
HSR		15	HSR..A, HSR..AM, HSR..B, HSR..BM, HSR..C HSR..R, HSR..RM, HSR..YR, HSR..YRM	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 28	1
		20	HSR..A, HSR..AM, HSR..LA, HSR..LAM, HSR..B, HSR..BM, HSR..LB, HSR..LBM, HSR..C, HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..YR, HSR..YRM, HSR..CA, HSR..CAM, HSR..HA, HSR..HAM, HSR..CB, HSR..CBM, HSR..HB, HSR..HBM	MK/MKS 2001 A		30	9
		25	HSR..A, HSR..AM, HSR..LA, HSR..LAM, HSR..B, HSR..BM, HSR..LB, HSR..LBM, HSR..C, HSR..CA, HSR..CAM, HSR..HA, HSR..HAM, HSR..CB, HSR..CBM, HSR..HB, HSR..HBM	MK/MKS 2501 A		36	19
		30	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..YR, HSR..YRM	MK/MKS 2501 A	PMK 25-4	40	
		35	HSR..A, HSR..AM, HSR..LA, HSR..LAM, HSR..B, HSR..BM, HSR..LB, HSR..LBM, HSR..C, HSR..CA, HSR..CAM, HSR..HA, HSR..HAM, HSR..CB, HSR..CBM, HSR..HB, HSR..HBM	MK/MKS 3001 A MK/MKS 3501 A	PMK 30-3 PMK 35-3	42 48	29 36
		45	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..YR, HSR..YRM	MK/MKS 3501 A	PMK 35-10	55	
		55	HSR..A, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB	MK/MKS 4501 A MK/MKS 5501 A	PMK 45-10 PMK 55-10	60 70	46 56
		65	HSR..R, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB, HSR..R, HSR..LR, HSR..YR	MK/MKS 6501 A		90	60
		85	HSR..A, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB, HSR..R, HSR..LR	⌚		110	⌚
		15	GSR..T, GSR..V	⌚		20	⌚
		20	GSR..T, GSR..V	MK/MKS 2001 G★		24	5
		25	GSR..T, GSR..V	MK/MKS 2501 G★		30	23
		30	GSR..T	MK/MKS 3001 G★		33	31
		35	GSR..T	MK/MKS 3501 G★		38	32
HRW		12	HRW..LRM	⌚		12	⌚
		17	HRW..CA, HRW..CAM, HRW..CR, HSR..CRM	MK/MKS 1701 B		17	11
		21	HRW..CA, HRW..CAM, HRW..CR, HSR..CRM	MK/MKS 2101 B★		21	24
		27	HRW..CA, HRW..CAM, HRW..CR, HSR..CRM	MK/MKS 2701 B★		27	25
		35	HRW..CA, HRW..CAM, HRW..CR, HSR..CRM	MK/MKS 3501 B		35	49
		50	HRW..CA, HRW..CR	MK/MKS 5001 B		50	62
		60	HRW..CA	⌚		60	⌚
SHW		12	SHW..CAM, SHW..CRM, SHW..HRM	⌚		12	⌚
		17	SHW..CAM, SHW..CRM	MK/MKS 1701 B		17	11
		21	SHW..CA, SHW..CR	MK/MKS 2101 B★		21	24
		27	SHW..CA, SHW..CR	MK/MKS 2701 B★		27	25
		35	SHW..CA, SHW..CR	MK/MKS 3501 B		35	49
		50	SHW..CA, SHW..CR	MK/MKS 5001 B		50	62
SHS		15	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 28	1
		20	SHS..C, SHS..LC, SHS..V, SHS..LV	MK/MKS 2001 A		30	9
		25	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R, SHS..LR	MK/MKS 2501 A MK/MKS 2501 A	PMK 25-2 PMK 25-6	36 40	18
		30	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R, SHS..LR	MK/MKS 3001 A MK/MKS 3001 A	PMK 30-3 PMK 35-4	42 48	29 37
		35	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R, SHS..LR	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-4 PMK 35-11	55	
		45	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R, SHS..LR	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-6 PMK 45-16	60 70	44 53
		55	SHS..C, SHS..LC, SHS..V, SHS..LV SHS..R, SHS..LR	MK/MKS 5501 A MK/MKS 5501 A	PMK 55-6 PMK 55-16	70 80	
		65	SHS..C, SHS..LC, SHS..V, SHS..LV	MK/MKS 6501 A		90	60

* PLUS connection not possible

*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] ^{*1}	[page 48 and 49]
SNR, SNS	25	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC	MK/MKS 2501 N		31	61
	30	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC	MK/MKS 3001 A		38	26
	35	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC SNR..CH, SNR..LCH, SNS..CH, SNS..LCH	MK/MKS 3501 A		44	37
		SNR..RH, SNR..LRH, SNS..RH, SNS..LRH	MK/MKS 3501 A	PMK 35-4	48	
			MK/MKS 3501 A	PMK 35-11	55	
	45	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC SNR..CH, SNR..LCH, SNS..CH, SNS..LCH	MK/MKS 4501 A		52	43
		SNR..RH, SNR..LRH, SNS..RH, SNS..LRH	MK/MKS 4501 A	PMK 45-8	60	
			MK/MKS 4501 A	PMK 45-18	70	
	55	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC SNR..CH, SNR..LCH, SNS..CH, SNS..LCH	MK/MKS 5501 A		63	52
		SNR..RH, SNR..LRH, SNS..RH, SNS..LRH	MK/MKS 5501 A	PMK 55-7	70	
			MK/MKS 5501 A	PMK 55-17	80	
NR, NRS	65	SNR..R, SNR..LR, SNR..C, SNR..LC, SNS..R, SNS..LR, SNS..C, SNS..LC	MK/MKS 6501 N		75	47
	85	SNR..LR, SNR..LC, SNS..LR, SNS..LC	MK/MKS 8501 A	PMK 85-8	90	67
	25	NR..XR, NR..XLR, NR..XA, NR..XLA, NR..XB, NR..XLB, NRS..XR, NR..S..XLR, NRS..XA, NRS..XLA, NRS..XB, NRS..XLB	MK/MKS 2501 N		31	61
	30	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 3001 A		38	26
	35	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 3501 A		44	37
	45	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 4501 A		52	43
	55	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 5501 A		63	52
SRG	65	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 6501 N		75	47
	85	NR..R, NR..LR, NR..A, NR..LA, NR..B, NR..LB, NRS..R, NRS..LR, NRS..A, NRS..LA, NRS..B, NRS..LB	MK/MKS 8501 A	PMK 85-8	90	67
	15	SRG..A, SRG..V	MK/MKS 1501 E		24	2
	20	SRG..A, SRG..LA, SRG..V, SRG..LV	MK/MKS 2001 E		30	8
	25	SRG..C, SRG..LC SRG..R, SRG..LR	MK/MKS 2501 E	PMK 25-5	36	48
			MK/MKS 2501 E	PMK 25-9	40	
	30	SRG..C, SRG..LC SRG..R, SRG..LR	MK/MKS 3001 E		42	15
			MK/MKS 3001 E	PMK 30-3	45	
	35	SRG..C, SRG..LC SRG..R, SRG..LR	MK/MKS 3501 E		48	35
			MK/MKS 3501 E	PMK 35-7	55	
HCR	45	SRG..C, SRG..LC SRG..R, SRG..LR	MK/MKS 4501 E		60	42
			MK/MKS 4501 E	PMK 45-10	70	
	55	SRG..C, SRG..LC SRG..R, SRG..LR	MK/MKS 5501 F	PMK 55-7	70	40
			MK/MKS 5501 F	PMK 55-17	80	
	65	SRG..LC, SRG..LV	MK/MKS 6501 F	PMK 65-15	90	39
	85	SRG..LC	©		110	©
	15	HCR 15A +60/150R HCR 15A +60/300R HCR 15A +60/400R	MK/MKS 1501/300		24	64
	25	HCR 25A +60/500R HCR 25A +60/750R HCR 25A +60/1000R	MK/MKS 2501/1000		36	65
	35	HCR 35A +60/600R HCR 35A +60/800R HCR 35A +60/1000R HCR 35A +60/1300R	MK/MKS 3501/1000		48	66
	45	HCR 45A +60/800R HCR 45A +60/1000R HCR 45A +60/1200R HCR 45A +60/1600R	MK/MKS 4501/1000		60	51
	65	HCR 65A +60/1000R HCR 65A +60/1500R HCR 65A +45/2000R HCR 65A +45/2500R HCR 65A +30/3000R	MK/MKS 6501/1000		90	68

*¹ Supplements the measure table and datasheet

See page 10 for part number explanation

Rail manufacturer

 The Mark of Linear Motion

MK/MKS

Rail manufacturer
Rexroth
 Bosch Group

	Type of rail	Size	Type of carriage	Item number	Adapting plate [for height compensation]	Measure D [mm] ^{*1}	Measure table [page 48 and 49]
R1605, R1606, R1607, R1608, R1645, R1647, R2045, R2047	15	R1622, R1623, R1631, R1632, R1651, R1653, R1661, R1662, R1665, R1666, R2001, R2002, R2011, R2012, R2000, R2010 R1621		MK/MKS 1505 AK		24	2
	20	R1622, R1623, R1631, R1632, R1651, R1653, R1661, R1662, R1665, R1666, R2001, R2002, R2011, R2012, R2000, R2010		MK/MKS 2005 AK	PMK 15-4	28	
	25	R1622, R1623, R1631, R1632, R1651, R1653, R1661, R1662, R1665, R1666, R2001, R2002, R2011, R2012, R2000, R2010 R1621, R1624		MK/MKS 2505 AK		36	14
	30	R1622, R1623, R1631, R1632, R1651, R1653, R1661, R1662, R1665, R1666, R2001, R2002, R2011, R2012, R2000, R2010 R1621, R1624		MK/MKS 3005 AK	PMK 25-4	40	
	35	R1622, R1623, R1631, R1632, R1651, R1653, R1661, R1662, R1665, R1666, R2001, R2002, R2011, R2012, R2000, R2010 R1621, R1624		MK/MKS 3505 AK	PMK 30-3	42	71
	45	R1622, R1623, R1631, R1632, R1651, R1653		MK/MKS 4505 AK		48	
		R1621, R1624		MK/MKS 4505 AK	PMK 45-10	55	42
	55	R1622, R1623, R1651, R1653		MK/MKS 5505 AK		70	
		R1621, R1624		MK/MKS 5505 AK	PMK 55-10	80	50
	65	R1622, R1623, R1651, R1653		MK/MKS 6505 AK		90	59
R1675, R1676	20	R1671, R1672		MK/MKS 2005 KB		27	58
R1677	25	R1671, R1672		MK/MKS 2505 KB		35	41
	35	R1671		MK/MKS 3505 KB		50	63
R1805, R1806, R1807, R1808, R1845, R1846, R1847	25	R1851, R1853 R1821, R1824		MK/MKS 2505 AR		36	14
	35	R1851, R1853 R1821, R1824		MK/MKS 2505 AR	PMK 25-4	40	
	45	R1851, R1853 R1821, R1824		MK/MKS 3505 AR		48	35
	55	R1851, R1853 R1821, R1824		MK/MKS 3505 AR	PMK 35-7	55	
	65	R1824, R1851, R1853		MK/MKS 4505 AR		60	42
				MK/MKS 4505 AR	PMK 45-10	70	
				MK/MKS 5505 AR		70	50
				MK/MKS 5505 AR	PMK 55-10	80	
				MK/MKS 6505 AR		90	59

Rail manufacturer
SCHNEEBERGER
 LINEAR TECHNOLOGY

MRS	25	MRW..A, MRW..B MRW..C, MRW..D, MRW..E		MK/MKS 2503 MR		36	14
	35	MRW..A, MRW..B MRW..C, MRW..D, MRW..E		MK/MKS 3503 MR		48	35
	45	MRW..A, MRW..B MRW..C, MRW..D		MK/MKS 3503 MR	PMK 35-7	55	
	55	MRW..A, MRW..B MRW..C, MRW..D		MK/MKS 4503 MR		60	42
	65	MRW..A, MRW..B MRW..C, MRW..D		MK/MKS 4503 MR	PMK 45-10	70	
	100	MRW..B		MK/MKS 5503 MR		70	50
				MK/MKS 5503 MR	PMK 55-10	80	
BMS	15	BMW..A, BMW..F, BMW..C		MK/MKS 1503 BM		24	2
	20	BMW..A, BMW..B, BMW..C, BMW..D		MK/MKS 2003 BM		28	
	25	BMW..A, BMW..B, BMW..F, BMW..G		MK/MKS 2503 B		36	14
	30	BMW..C, BMW..D, BMW..E		MK/MKS 2503 B	PMK 25-4/02	40	
	35	BMW..A, BMW..B, BMW..F, BMW..G		MK/MKS 3003 BM		42	27
	45	BMW..C, BMW..D, BMW..E		MK/MKS 3003 BM	PMK 30-3	45	
				MK/MKS 3503 BM		48	35
				MK/MKS 3503 BM	PMK 35-7	55	
				MK/MKS 4503 BM		60	42
				MK/MKS 4503 BM	PMK 45-10	70	

*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] ^{*1}	[page 48 and 49]
LWH	12	LWHT, LWHT..SL LWHDC..SL, LWHD, LWHD..SL, LWHDG..SL	MK/MKS 1201 A MK/MKS 1201 A		19 69 20 70	
	15	LWH..B, LWH..SL, LWH..M, LWHT..B, LWHT..SL, LWHT..M, LWHS..B, LWHS..SL, LWHS..M	MK/MKS 1501 A		24 1	
		LWHD..B, LWHD..M, LWHY	MK/MKS 1501 A	PMK 15-4	28	
	20	LWH..B, LWH..SL, LWH..M, LWHG, LWHT..B, LWHT..SL, LWHT..M, LWHTG, LWHS..B, LWHS..SL, LWHS..M, LWHSG, LWHY	MK/MKS 2001 A		30 9	
	25	LWH..B, LWH..SL, LWH..M, LWHG, LWHT..B, LWHT..SL, LWHT..M, LWHTG, LWHS..B, LWHS..SL, LWHS..M, LWHSG LWHD..B, LWHD..M, LWHDG, LWHY	MK/MKS 2501 A MK/MKS 2501 A		36 19 40	
	30	LWH..B, LWH..SL, LWH..M, LWHG, LWHT..B, LWHT..SL, LWHT..M, LWHTG, LWHS..B, LWHS..SL, LWHS..M, LWHSG LWHD..B, LWHD..M, LWHDG, LWHY	MK/MKS 3001 A MK/MKS 3001 A	PMK 30-3	42 29 45	
	35	LWH..B, LWH..M, LWHG, LWHT..B, LWHT..M, LWHTG LWHD..B, LWHD..M, LWHDG, LWHY	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-7	48 38 55	
	45	LWH..B, LWH..M, LWHG, LWHT..B, LWHT..M, LWHTG LWHD..B, LWHD..M, LWHDG, LWHY	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-2 PMK 45-12	60 45 70	
	55	LWH..B, LWHG, LWHT..B, LWHTG LWHD..B, LWHDG, LWHY	MK/MKS 5501 A MK/MKS 5501 A	PMK 55-10	70 56 80	
	65	LWH..B, LWHG, LWHT..B, LWHTG, LWHD..B, LWHDG, LWHY	MK/MKS 6501 A		90 60	
	85	LWHG, LWHTG	①		110 ①	
MH	12	MHT, MHT..SL MHDC..SL, MHD, MHD..SL, MHDG..SL	MK/MKS 1201 A ^{*2} MK/MKS 1201 A ^{*2}		19 69 20 70	
	15	MH, MHT, MHS MHD	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 1 28	
	20	MH, MHG, MHT, MHTG, MHS, MHSG	MK/MKS 2001 A		30 9	
	25	MH, MHG, MHT, MHTG, MHS, MHSG MHD, MHDG	MK/MKS 2501 A MK/MKS 2501 A		36 19 40	
	30	MH, MHG, MHT, MHTG, MHS, MHSG MHD, MHDG	MK/MKS 3001 A MK/MKS 3001 A	PMK 30-3	42 29 45	
	35	MH, MHG, MHT, MHTG MHD, MHDG	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-7	48 38 55	
	45	MH, MHG, MHT, MHTG MHD, MHDG	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-2 PMK 45-12	60 45 70	
	LRX	12 LRXC, LRX, LRXG LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	MK/MKS 1201 A ^{*2} MK/MKS 1201 A ^{*2}		19 69 20 70	
LRX	15	LRXC, LRX, LRXG, LRXSC, LRXS, LRXSG LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	MK/MKS 1510 B MK/MKS 1510 B	PMK 15-4	24 2 28	
	20	LRXC, LRX, LRXG, LRXSC, LRXS, LRXSG LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	MK/MKS 2010 B MK/MKS 2010 B	PMK 20-4	30 8 34	
	25	LRXC, LRX, LRXG, LRXSC, LRXS, LRXSG LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	MK/MKS 2501 A MK/MKS 2501 A		36 19 40 21	
	30	LRXC, LRX, LRXG, LRXSC, LRXS, LRXSG LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	MK/MKS 3001 A MK/MKS 3001 A		42 29 45 30	
	35	LRXC, LRX, LRXG LRXDC, LRXD, LRXDG	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-7	48 38 55	
	45	LRXC, LRX, LRXG LRXDC, LRXD, LRXDG	MK/MKS 4501 A MK/MKS 4501 A	PMK45-10	60 46 70	
	55	LRXC, LRX, LRXG LRXDC, LRXD, LRXDG	MK/MKS 5501 A MK/MKS 5501 A	PMK 55-10	70 56 80	
	65	LRXC, LRX, LRXG, LRXDC, LRXD, LRXDG	MK/MKS 6505 AK	PMK 65-2	90 10	
	85	LRX, LRXG	①		110 ①	
	100	LRXG	①		120 ①	

*¹ Supplements the measure table and datasheet

*² This table applies only for rail use without cover sheet!

See page 10 for part number explanation

Rail manufacturer
IKO

MK/MKS

Rail manufacturer



	Type of rail	Size	Type of carriage	Item number	Adapting plate [for height compensation]	Measure D [mm] [*]	Measure table [page 48 and 49]
MX	15	MXC, MX, MXG, MXSC, MXS, MXSG		MK/MKS 1510 B		24	2
		MXDC, MXD, MXDG		MK/MKS 1510 B	PMK 15-4	28	
		20	MXC, MX, MXG, MXL, MXSC, MXS, MXSG, MXSL	MK/MKS 2010 B		30	8
		MXDC, MXD, MXDG, MXDL		MK/MKS 2010 B	PMK 20-4	34	
		25	MXC, MX, MXG, MXL, MXSC, MXS, MXSG, MXSL	MK/MKS 2501 A		36	19
		MXDC, MXD, MXDG, MXDL		MK/MKS 2501 A		40	21
		30	MXC, MX, MXG, MXL, MXSC, MXS, MXSG, MXSL	MK/MKS 3001 A		42	29
		MXDC, MXD, MXDG, MXDL		MK/MKS 3001 A		45	30
		35	MXN, MXNG, MXNS, MXNSG	(C)		44	(C)
		MXC, MX, MXG, MXL		MK/MKS 3501 A		48	38
LWE	15	MXN, MXNG, MXNS, MXNSG		(C)		52	(C)
		MXC, MX, MXG, MXL		MK/MKS 4501 A		60	46
		45	MXN, MXNG, MXNS, MXNSG	(C)		63	(C)
		MXC, MX, MXG, MXL		MK/MKS 5501 A		70	56
		55	MXN, MXNG, MXNS, MXNSG	(C)			
		MXC, MX, MXG		MK/MKS 6505 AK	PMK 65-2	90	10
LWE	20	LWE..Q, LWET..Q, LWES..Q, LWEC, LWEC..SL, LWE, LWE..SL, LWEG, LWEG..SL, LWETC, LWETC..SL, LWET, LWET..SL, LWETG, LWETG..SL, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL		MK/MKS 1501 A		24	1
		25	LWE..Q, LWET..Q, LWES..Q, LWEC, LWEC..SL, LWE, LWE..SL, LWEG, LWEG..SL, LWETC, LWETC..SL, LWET, LWET..SL, LWETG, LWETG..SL, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	MK/MKS 2001 A		28	7
		30	LWE..Q, LWET..Q, LWES..Q, LWEC, LWEC..SL, LWE, LWE..SL, LWEG, LWEG..SL, LWETC, LWETC..SL, LWET, LWET..SL, LWETG, LWETG..SL, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	MK/MKS 2501 A		33	17
		35	LWE..Q, LWET..Q, LWES..Q, LWEC, LWE, LWETC, LWET, LWESC, LWES	MK/MKS 3001 A		42	29
		45	LWE, LWET, LWES	MK/MKS 3501 A		48	38
		55	LWE, LWET, LWES	MK/MKS 4501 A		60	46
		65	LWE, LWET, LWES	MK/MKS 5501 A			
		75	LWE, LWET, LWES	MK/MKS 6505 AK	PMK 65-2	90	10
		85	LWE, LWET, LWES	MK/MKS 7501 A	PMK 75-2	105	17
		95	LWE, LWET, LWES	MK/MKS 8501 A	PMK 85-2	120	18
ME	15	MEC, MEC..SL, ME, ME..SL, MEG, MEG..SL, METC, METC..SL, MET, MET..SL, METG, METG..SL, MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL, MH, MHT, MHS		MK/MKS 1501 A		24	1
		MHD		MK/MKS 1501 A	PMK 15-4	28	
		20	MEC, MEC..SL, ME, ME..SL, MEG, MEG..SL, METC, METC..SL, MET, MET..SL, METG, METG..SL, MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL	MK/MKS 2001 A		28	7
		25	MH, MHG, MHT, MHTG, MHS, MHSG	MK/MKS 2001 A		30	9
		30	MEC, MEC..SL, ME, ME..SL, MEG, MEG..SL, METC, METC..SL, MET, MET..SL, METG, METG..SL, MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL, MH, MHG, MHT, MHTG, MHS, MHSG	MK/MKS 2501 A		33	17
		35	MHD, MHDG	MK/MKS 2501 A	PMK 25-2	36	18
		40	MHD, MHDG	MK/MKS 2501 A	PMK 25-6	40	
		45	MHD, MHDG	MK/MKS 3001 A	PMK 30-3	45	
		50	ME, MET, MES, MH, MHG, MHT, MHTG	MK/MKS 3501 A	PMK 35-7	48	38
		55	MHD, MHDG	MK/MKS 4501 A	PMK 45-10	55	

*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] ^{*1}	[page 48 and 49]	Rail manufacturer
TKD (KUE)	15	KWE	MK/MKS 1501 A		24	1	
		KWE..-H	MK/MKS 1501 A	PMK 15-4	28		
	20	KWE, KWE..-H	MK/MKS 2001 A		30	9	
	25	KWE	MK/MKS 2501 A	PMK 25-4	36	16	
		KWE..-H	MK/MKS 2501 A	PMK 25-8	40		
	30	KWE	MK/MKS 3001 A	PMK 30-2	42	28	
		KWE..-H	MK/MKS 3001 A	PMK 30-5	45		
	35	KWE	MK/MKS 3501 A	PMK 35-8	48	33	
		KWE..-H	MK/MKS 3501 A	PMK 35-15	55		
TKVD (KUVE)	15	KWVE..-B, KWVE..-B-EC, KWVE..-B-ESC, KWVE..-B-S	MK/MKS 1502 K		24	1	
		KWVE..-B-H	MK/MKS 1502 K	PMK 15-4	28		
	20	KWVE..-B, KWVE..-B-L, KWVE..-B-S, KWVE..-B-SL, KWVE..-B-H	MK/MKS 2002 K		30	9	
		KWVE..-B-N, KWVE..-B-NL, KWVE..-B-SN, KWVE..-B-SNL	MK/MKS 2002 K		27	6	
		KWVE..-B-EC, KWVE..-B-ESC	MK/MKS 2002 K		28	7	
	25	KWVE..-B, KWVE..-B-L, KWVE..-B-S, KWVE..-B-SL, KWVE..-B-HS, KWVE..-B-S-HS	MK/MKS 2502 K	PMK 25-2	36	18	
		KWVE..-B-EC, KWVE..-B-ESC	MK/MKS 2502 K		33	17	
		KWVE..-B-H, KWVE..-B-HL, KWVE..-B-HS	MK/MKS 2502 K	PMK 25-6	40	18	
	30	KWVE..-B, KWVE..-B-EC, KWVE..-B-L, KWVE..-B-ESC, KWVE..-B-S, KWVE..-B-SL	MK/MKS 3002 K		42	29	
		KWVE..-B-N, KWVE..-B-NL, KWVE..-B-SN, KWVE..-B-SNL	MK/MKS 3002 K		38	26	
		KWVE..-B-H, KWVE..-B-HL	MK/MKS 3002 K	PMK 30-3	45	29	
	35	KWVE..-B, KWVE..-B-EC, KWVE..-B-L, KWVE..-B-ESC, KWVE..-B-S, KWVE..-B-SL	MK/MKS 3502 K		48	38	
		KWVE..-B-N, KWVE..-B-NL, KWVE..-B-SN, KWVE..-B-SNL	MK/MKS 3502 K		44	37	
		KWVE..-B-H, KWVE..-B-HL	MK/MKS 3502 K	PMK 35-11	55		
	45	KWVE..-B, KWVE..-B-EC, KWVE..-B-L, KWVE..-B-ESC, KWVE..-B-S, KWVE..-B-SL	MK/MKS 4502 K		60	46	
		KWVE..-B-N, KWVE..-B-NL, KWVE..-B-SN, KWVE..-B-SNL	MK/MKS 4502 E		52	54	
		KWVE..-B-H, KWVE..-B-HL	MK/MKS 4502 K	PMK 45-10	70	46	
	55	KWVE..-B, KWVE..-B-L, KWVE..-B-S, KWVE..-B-SL	MK/MKS 5502 K		70	56	
TKSD (KUSE)	20	KWSE, KWSE..-L, KWSE..-H, KWSE..-HL	MK/MKS 2001 A		30	9	
	25	KWSE, KWSE..-L	MK/MKS 2501 A		36	19	
		KWSE..-H, KWSE..-HL	MK/MKS 2501 A	PMK 25-4	40		
	30	KWSE, KWSE..-L	MK/MKS 3001 A		42	29	
		KWSE..-H, KWSE..-HL	MK/MKS 3001 A	PMK 30-3	45		
TKVD - W (KUVE-W)	35	KWSE, KWSE..-L	MK/MKS 3501 A		48	38	
	45	KWSE, KWSE..-L	MK/MKS 4501 A		60	46	
	15	KWVE..-W	MK/MKS 1502 KB★		21	57	
	20	KWVE..-W, KWVE..-WL	MK/MKS 2002 KB		27	13	
	25	KWVE..-W, KWVE..-WL	MK/MKS 2502 KB		35	49	
TSX - E (RUE)	30	KWVE..-W	MK/MKS 3002 KB		42	3	
	35	KWVE..-WL	MK/MKS 3502 KB		50	62	
	25	RWU..-D-FE, RWU..-D-0E, RWU..-D-L-FE, RWU..-D-L-0E RWU..-D-H-FE, RWU..-D-H-0E, RWU..-D-HL-FE, RWU..-D-HL-0E	MK/MKS 2502 R★	PMK 25-2	36	18	
			MK/MKS 2502 R★	PMK 25-6	40		
	35	RWU..-E, RWU..-E-L RWU..-E-H, RWU..-E-HL	MK/MKS 3502 R/02★		48	35	
			MK/MKS 3502 R/02★	PMK 35-7	55		
	45	RWU..-E, RWU..-E-L RWU..-E-H, RWU..-E-HL	MK/MKS 4502 R★	PMK 45-2	60	45	
55			MK/MKS 4502 R★	PMK 45-12	70		
	55	RWU..-E, RWU..-E-L RWU..-E-H, RWU..-E-HL	MK/MKS 5502 R★	PMK 55-10	70	50	
			MK/MKS 5502 R★	PMK 55-10	80		
	65	RWU..-E, RWU..-E-L RWU..-E-H, RWU..-E-HL	MK/MKS 6502 R★	PMK 65-10	90	60	

* PLUS connection not possible

*¹ Supplements the measure table and datasheet

See page 10 for part number explanation

Type of rail	Size	Type of carriage	Item number	Adapting plate [for height compensation]	Measure D [mm] ^{*1}	Measure table [page 48 and 49]
LH	15	LAH..EMZ, LAH..GMZ LAH..ANZ, LAH..BNZ	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 28	1
	20	LAH..EMZ, LAH..GMZ, LAH..ANZ, LAH..BNZ	MK/MKS 2001 A		30	9
	25	LAH..EMZ, LAH..GMZ, LAH..ALZ, LAH..BLZ LAH..ANZ, LAH..BNZ	MK/MKS 2501 A MK/MKS 2501 A	PMK 25-4	36 40	19
	30	LAH..EMZ, LAH..GMZ, LAH..ALZ, LAH..BLZ LAH..ANZ, LAH..BNZ	MK/MKS 3001 A MK/MKS 3001 A		42 45	29 30
	35	LAH..EMZ, LAH..GMZ, LAH..ALZ, LAH..BLZ LAH..ANZ, LAH..BNZ	MK/MKS 3501 A MK/MKS 3501 A		48	38
	45	LAH..EMZ, LAH..GMZ LAH..ANZ, LAH..BNZ	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-10	60 70	46
	55	LAH..EMZ, LAH..GMZ LAH..ANZ, LAH..BNZ	MK/MKS 5501 A MK/MKS 5501 A	PMK 55-10	70 80	56
	65	LAH..EMZ, LAH..GMZ, LAH..ANZ, LAH..BNZ	MK/MKS 6501 A		90	60
	15	SAH..EMZ, SAH..GMZ SAH..ANZ, SAH..BNZ	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 28	1
	20	SAH..EMZ, SAH..GMZ, SAH..ANZ, SAH..BNZ	MK/MKS 2001 A		30	9
SH	25	SAH..EMZ, SAH..GMZ, SAH..ALZ, SAH..BLZ SAH..ANZ, SAH..BNZ	MK/MKS 2501 A MK/MKS 2501 A	PMK 25-4	36 40	19
	30	SAH..EMZ, SAH..GMZ, SAH..ALZ, SAH..BLZ SAH..ANZ, SAH..BNZ	MK/MKS 3001 A MK/MKS 3001 A		42 45	29 30
	35	SAH..EMZ, SAH..GMZ, SAH..ALZ, SAH..BLZ SAH..ANZ, SAH..BNZ	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-7	48 55	38
	15	LAS..JMZ, LAS..EMZ, LAS..CLZ, LAS..ALZ	MK/MKS 1501 A		24	1
	20	LAS..JMZ, LAS..EMZ, LAS..CLZ, LAS..ALZ	MK/MKS 2001 A		28	7
LS	25	LAS..JMZ, LAS..EMZ, LAS..CLZ, LAS..ALZ	MK/MKS 2501 A		33	17
	30	LAS..JMZ, LAS..EMZ, LAS..CLZ, LAS..ALZ	MK/MKS 3001 A		42	29
	35	LAS..JMZ, LAS..EMZ, LAS..CLZ, LAS..ALZ	MK/MKS 3501 A	PMK 35-4	48	37
	15	SAS..JMZ, SAS..EMZ, SAS..CLZ, SAS..ALZ	MK/MKS 1501 A		24	1
SS	20	SAS..JMZ, SAS..EMZ, SAS..CLZ, SAS..ALZ	MK/MKS 2001 A		28	7
	25	SAS..JMZ, SAS..EMZ, SAS..CLZ, SAS..ALZ	MK/MKS 2501 A		33	17
	30	SAS..JMZ, SAS..EMZ, SAS..CLZ, SAS..ALZ	MK/MKS 3001 A		42	29
	35	SAS..JMZ, SAS..EMZ, SAS..CLZ, SAS..ALZ	MK/MKS 3501 A	PMK 35-4	48	37
	17	LAW..ELZ	MK/MKS 1701 B		17	11
LW	21	LAW..ELZ	MK/MKS 2101 B★		21	24
	27	LAW..ELZ	MK/MKS 2701 B★		27	25
	35	LAW..ELZ	MK/MKS 3501 B		35	49
	50	LAW..ELZ	MK/MKS 5001 B		50	62
	15	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 1504 F MK/MKS 1504 F	PMK 15-4	24 28	2
RA	20	RA..EM, RA..GM, RA..AN, RA..BN	MK/MKS 2004 F		30	8
	25	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 2505 AR MK/MKS 2505 AR	PMK 25-4	36 40	14
	30	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 3004 F MK/MKS 3004 F	PMK 30-3	42 45	15
	35	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 3504 F MK/MKS 3504 F	PMK 35-7	48 55	35
	45	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 4504 F MK/MKS 4504 F	PMK 45-10	60 70	42
	55	RA..AL, RA..BL, RA..EM, RA..GM RA..AN, RA..BN	MK/MKS 5504 F MK/MKS 5504 F	PMK 55-3 PMK 55-13	70 80	22
	65	RA..EM, RA..GM, RA..AN, RA..BN	MK/MKS 6504 F	PMK 65-12	90	34

* PLUS connection not possible

*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] ^{*1}	[page 48 and 49]
HGR..R, HGR..T	15	HGW..CC, HGL..CA, QHW..CC HGH..CA, QHH..CA	MK/MKS 1501 A		24	1
	20	HGW..CC, HGW..HC, HGH..CA, HGH..HA, QHW..CC, QHW..HC, QHH..CA, QHH..HA	MK/MKS 2001 A	PMK 15-4	28	
	25	HGW..CC, HGW..HC, HGL..CA, HGL..HA, QHW..CC, QHW..HC HGH..CA, HGH..HA, QHH..CA, QHH..HA	MK/MKS 2501 A		36	19
	30	HGW..CC, HGW..HC, HGL..CA, HGL..HA, QHW..CC, QHW..HC HGH..CA, HGH..HA, QHH..CA, QHH..HA	MK/MKS 3001 A		42	29
	35	HGW..CC, HGW..HC, HGL..CA, HGL..HA, QHW..CC, QHW..HC HGH..CA, HGH..HA, QHH..CA, QHH..HA	MK/MKS 3501 A		48	38
	45	HGW..CC, HGW..HC, HGL..CA, HGL..HA QHW..CC, QHW..HC HGH..CA, HGH..HA, QHH..CA, QHH..HA	MK/MKS 4501 A	PMK 45-2	60	45
	55	HGW..CC, HGW..HC, HGL..CA, HGL..HA HGH..CA, HGH..HA	MK/MKS 5501 A		70	56
	65	HGW..CC, HGW..HC, HGH..CA, HGH..HA	MK/MKS 6501 A	PMK 55-10	80	
					90	60
EGR..R, EGR..U, EGR..T	15	EGH..SA, EGH..CA, EGW..SC, EGW..CC QEH..SA, QEH..CA, QEW..SC, QEW..CC	MK/MKS 1501 A		24	1
	20	EGH..SA, EGH..CA, EGW..SC, EGW..CC QEH..SA, QEH..CA, QEW..SC, QEW..CC	MK/MKS 2001 A		28	7
	25	EGH..SA, EGH..CA, EGW..SC, EGW..CC QEH..SA, QEH..CA, QEW..SC, QEW..CC	MK/MKS 2501 A	PMK 25-2	33	20
	30	EGH..SA, EGH..CA, EGW..SC, EGW..CC QEH..SA, QEH..CA, QEW..SC, QEW..CC	MK/MKS 3001 A	PMK 30-2	42	28
	35	EGH..SA, EGH..CA, EGW..SC, EGW..CC	①		48	①
RG..T	15	RGW..CC RGH..CA	①		24	①
	20	RGW..CC, RGW..HC RGH..CA, RGH..HA	①		28	
	25	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 2512 F		36	14
	30	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 2512 F	PMK 25-4	40	
	35	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 3012 F		42	15
	45	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 3012 F	PMK 30-3	45	
	55	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 3512 F		48	35
	65	RGW..CC, RGW..HC RGH..CA, RGH..HA	MK/MKS 3512 F	PMK 35-7	55	
					60	42
WE	27	WEW..CC, WEH..CA	MK/MKS 4512 F	PMK 45-10	70	
	35	WEW..CC, WEH..CA	MK/MKS 5501 F	PMK 55-6	70	12
					80	
					90	①

* PLUS connection not possible

See page 10 for part number explanation

*¹ Supplements the measure table and datasheet

Rail manufacturer
HIWIN
Lineartechnologie

MK/MKS

Rail manufacturer
ROLLON

Type of rail	Size	Type of carriage	Item number	Adapting plate [for height compensation]	Measure D [mm] ^{*1}	
					Measure table [page 48 and 49]	
MRR	15	MRS, MRT..W, MRT..SW MRS..W	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24	1
	20	MRT..W, MRT..SW MRS, MRS..L, MRS..W, MRS..LW	MK/MKS 2001 A MK/MKS 2001 A	PMK 20-2	28	7
	25	MRT, MRT..S, MRT..W, MRT..SW, MRT..LW MRS, MRS..L, MRZ..W MRS..W, MRS..LW	(C) MK/MKS 2501 A MK/MKS 2501 A		33 36	19
	30	MRS, MRS..L, MRT..W, MRT..SW, MRT..LW MRS..W, MRS..LW	MK/MKS 3001 A MK/MKS 3001 A	PMK 30-3	42 45	29
	35	MRS, MRS..L, MRT..W, MRT..SW, MRT..LW MRS..W, MRS..LW	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-7	48 55	38
	45	MRS, MRS..L, MRT..W, MRT..LW MRS..W, MRS..LW	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-10	60 70	46
	55	MCT..W, MCT..LW MCS, MCS..L MCS..W, MCS..LW	(C) MK/MKS 5501 A MK/MKS 5501 A		68 70	56
				PMK 55-10	80	

NTN SNR

BG	15	BGCH..FN, BGCH..FL, BGCS..BS, BGCS..BN, BGCS..BL, BGXH..FN, BGXH..FL, BGXS..BS, BGXS..BN, BGXS..BL BGCH..BN, BGXH..BN	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24	1
	20	BGCS..BS, BGCS..BN, BGXS..BN, BGXS..BN BGCH..FN, BGCH..FL, BGCH..BN, BGCH..BL, BGXH..FN, BGXH..FL, BGXH..BN, BGXH..BL	MK/MKS 2001 A MK/MKS 2001 A		28 30	7 9
	25	BGCS..BS, BGCS..BN, BGXS..BS, BGXS..BN BGCH..FN, BGCH..FL, BGCH..FE, BGCX..BN, BGCX..BL, BGCX..BE, BGXH..FN, BGXH..FL, BGXH..FE, BGXX..BN, BGXX..BL, BGXX..BE BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	MK/MKS 2501 A MK/MKS 2501 A	PMK 25-2	33 36	17 18
	30	BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BN, BGCS..BL, BGCS..BE, BGXH..FN, BGXH..FL, BGXH..FE, BGXS..BS, BGXS..BN, BGXS..BL, BGXS..BE BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	MK/MKS 3001 A MK/MKS 3001 A	PMK 25-6	40	
	35	BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BN, BGCS..BL, BGCS..BE, BGXH..FN, BGXH..FL, BGXH..FE, BGXS..BS, BGXS..BN, BGXS..BL, BGXS..BE BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	MK/MKS 3501 A MK/MKS 3501 A	PMK 35-4	48	37
	45	BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BN, BGCS..BL, BGCS..BE, BGXH..FN, BGXH..FL, BGXH..FE, BGXS..BN, BGXS..BL, BGXS..BE BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	MK/MKS 4501 A MK/MKS 4501 A	PMK 45-6	60	44
	55	BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BL, BGCS..BE, BGXH..FN, BGXH..FL, BGXH..FE, BGXS..BN, BGXS..BL, BGXS..BE BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	MK/MKS 5501 A MK/MKS 5501 A	PMK 45-16	70	
				PMK 55-7	70	4
				PMK 55-17	80	

*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] ^{*1}	[page 48 and 49]
LLTH, LLTH..D4, LLTH..D6	15	LLTHC..SA, LLTHC..A, LLTHC..SU, LLTHC..U LLTHC..R	MK/MKS 1501 A MK/MKS 1501 A	PMK 15-4	24 28	1
	20	LLTHC..SA, LLTHC..A, LLTHC..LA, LLTHC..SU, LLTHC..U, LLTHC..LR	MK/MKS 2001 A		30	9
	25	LLTHC..SA, LLTHC..A, LLTHC..LA, LLTHC..SU, LLTHC..U, LLTHC..LU	MK/MKS 2501 A		36	19
		LLTHC..R, LLTHC..LR	MK/MKS 2501 A	PMK 25-4	40	
	30	LLTHC..SA, LLTHC..A, LLTHC..LA, LLTHC..SU, LLTHC..U, LLTHC..LU	MK/MKS 3001 A		42	29
		LLTHC..R, LLTHC..LR	MK/MKS 3001 A	PMK 30-3	45	
	35	LLTHC..SA, LLTHC..A, LLTHC..LA, LLTHC..SU, LLTHC..U, LLTHC..LU LLTHC..R, LLTHC..LR	MK/MKS 3501 A	PMK 35-3 PMK 35-10	48 55	36
45	45	LLTHC..A, LLTHC..LA, LLTHC..U, LLTHC..LU, LLTHC..R, LLTHC..LR	MK/MKS 4501 A MK/MKS 4501 A		60 70	46

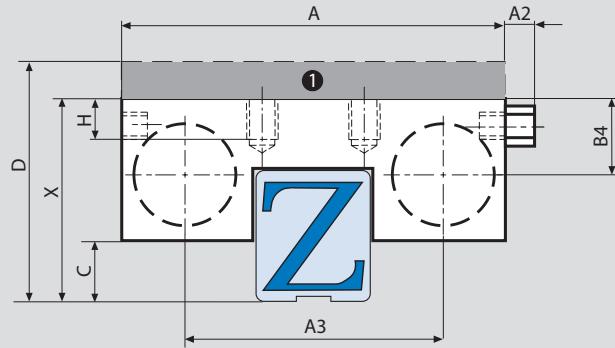
^{*1} Supplements the measure table and datasheet

See page 10 for part number explanation

Rail manufacturer



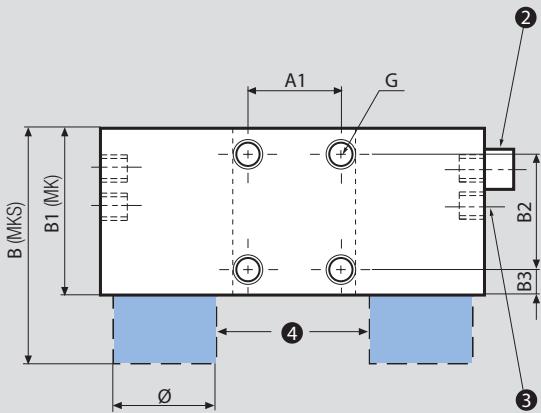
MK/MKS



Note: Consider measurement C/Interfering contour!

Air connections are located on both sides and can be exchanged according to mounting requirements.
Only one connection is necessary for function.

- ① Adapting plate PMK (accessory)
- ② MK Series: Air filter
MKS: M5 port (air connection)
- ③ MK Series: M5 port (air connection)
MKS: Air filter / Plus connection M5.
- ④ The attachment spring unit on the MKS is not applicable on the MK.



Measure table	Holding Power [N] MK		Holding Power [N] MKS		A [mm]	A1 [mm]	A2 [mm]	A3 [mm]	B [mm]	B1 [mm]	B2 [mm]	B3 [mm]	B4 [mm]	C [mm]	X [mm]	G	H [mm]	Ø
1	650	400	55	15	6	34	58	39	15	15,5	11,6	3,2	24	M4	4,5	16		
2	650	400	55	15	6	34	58	39	15	15,5	11,6	3,2	24	M4	4,5	16		
3	1750	1050	142	22	5	110	68	39	22	8,5	20,5	7	42	M8	8	25		
4	2250	1450	128	30	5	87	82	49	30	9,5	30,5	14	63	M10	18	30		
5	650	400	60	15	5	39	68	59	25	12	10,5	4,5	24	M5	7	16		
6	1000	600	66	20	6	43	61	39	20	5	14,4	1,5	27	M5	5,5	20		
7	1000	600	66	20	6	43	61	39	20	5	14,4	2,5	28	M5	5,5	20		
8	1000	600	66	20	5	43	61	39	20	9	15,5	3	30	M6	6	20		
9	1000	600	66	20	6	43	61	39	20	5	14,4	4,5	30	M5	5,5	20		
10	2250	1450	138	30	5	96,8	82	49	30	9,5	55	16,5	88	M10	20	30		
11	460	250	70	15	5	50,6	63	48	15	11,5	8,3	1,2	17	M5	7,5	12		
12	2250	1450	128	30	5	86,8	82	49	30	9,5	36,2	11	64	M10	15	30		
13	1000	600	88	20	6	65	61	39	20	5	14,4	1,5	27	M5	5,5	20		
14	1200	750	75	20	5	49	56	35	20	5	20	3,5	36	M6	8	22		
15	1200	750	90	22	5	64	60	39	22	8,5	24,5	5	42	M8	9	22		
16	1200	750	75	20	5	49	56	35	20	5	15,5	4	32	M6	8	22		
17	1200	750	75	20	5	49	56	35	20	5	15,5	5	33	M6	8	22		
18	1200	750	75	20	5	49	56	35	20	5	15,5	6	34	M6	8	22		
19	1200	750	75	20	5	49	56	35	20	5	15,5	8	36	M6	8	22		
20	1200	750	75	20	5	49	56	35	20	5	15,5	3,0	31	M6	8	22		
21	1200	750	75	20	5	49	56	35	20	5	15,5	12	40	M6	8	22		
22	2250	1450	128	30	5	86,8	82	49	30	9,5	40	10	67	M10	15	30		
23	1200	750	75	20	5	49	65	54	20	12	12,5	5	30	M6	8	22		
24	650	400	77	15	5	56	58	49	15	21,5	9,6	2	21	M5	5	16		
25	1000	600	88	20	5	65	65	53	20	19,5	11,5	4	27	M6	6	20		
26	1750	1050	90	22	5	58	68	39	22	8,5	20,5	3	38	M8	10	25		
27	1750	1050	90	22	5	58	68	39	22	8,5	24	3,5	42	M8	9	25		
28	1750	1050	90	22	5	58	68	39	22	8,5	20,5	5	40	M8	10	25		
29	1750	1050	90	22	5	58	68	39	22	8,5	20,5	7	42	M8	10	25		
30	1750	1050	90	22	5	58	68	39	22	8,5	20,5	10	45	M8	10	25		
31	1750	1050	90	22	5	58	78	59	22	13,5	14	5	33	M8	8	25		
32	1750	1050	96	20	5	64	73	54	20	10	15,5	8,5	38	M8	10	25		
33	2000	1250	100	24	5	68	67	39	24	7,5	20,5	3,5	40	M8	10	28		
34	2250	1450	138	30	5	96,8	82	49	30	9,5	43,7	14,5	78	M10	15	30		
35	2000	1250	100	24	5	68	67	39	24	7,5	28	4	48	M8	10	28		
36	2000	1250	100	24	5	68	67	39	24	7,5	20,5	8,5	45	M8	10	28		
37	2000	1250	100	24	5	68	67	39	24	7,5	20,5	7,5	44	M8	10	28		
38	2000	1250	100	24	5	68	67	39	24	7,5	20,5	11,5	48	M8	10	28		
39	2250	1450	138	30	5	96,8	82	49	30	9,5	43,7	11,5	75	M10	15	30		
40	2250	1450	128	30	5	86,8	82	49	30	9,5	36,2	10	63	M10	15	30		
41	1200	750	120	50	5	94	56	35	20	5	20	2,5	35	M6	8	22		
42	2250	1450	120	26	5	78,8	82	49	26	11,5	35,5	8	60	M10	15	30		
43	2250	1450	120	26	5	78,8	82	49	26	11,5	26,8	8,5	52	M10	15	30		
44	2250	1450	120	26	5	78,8	82	49	26	11,5	26,8	10,5	54	M10	15	30		
45	2250	1450	120	26	5	78,8	82	49	26	11,5	26,8	14,5	58	M10	15	30		
46	2250	1450	120	26	5	78,8	82	49	26	11,5	26,8	16,5	60	M10	15	30		
47	2250	1450	138	30	5	97	82	49	30	9,5	42	16	75	M10	15	30		
48	1200	750	75	20	5	49	56	35	20	5	15,3	3,5	31	M6	7,5	22		
49	1200	750	121	50	5	95	57	36	20	5	17,5	5	35	M8	10	22		
50	2250	1450	128	30	5	86,8	82	49	30	9,5	40	13	70	M10	15	30		
51	1500	1000	130	26	5	88,8	82	49	26	11,5	26,8	16,5	60	M10	15	30		
52	2250	1450	128	30	5	87	82	49	30	9,5	30,5	14,5	63	M10	18	30		
53	2250	1450	128	30	5	87	82	49	30	9,5	30,5	15,5	64	M10	18	30		
54	2250	1450	120	26	5	78,8	82	49	26	11,5	28,5	7	52	M10	13,8	30		
55	2250	1450	128	30	5	87	82	49	30	9,5	30,5	19,5	68	M10	18	30		
56	2250	1450	128	30	5	87	82	49	30	9,5	30,5	21,5	70	M10	18	30		
57	650	400	77	15	5	56	58	39	15	21,5	9,6	2	21	M5	5	16		
58	650	400	80	20	5	59	58	39	20	15,5	14	3,5	27	M4	4,5	16		
59	2250	1450	138	30	5	96,8	82	49	30	9,5	55	16,5	90	M10	20	30		
60	2250	1450	138	30	5	96,8	82	49	30	9,5	46	27	90	M10	15	30		
61	1200	750	75	20	5	50,4	56	35	20	5	15,5	3	31	M6	8	22		
62	2000	1250	156	60	5	124	67	39	20	9,5	29,5	4,5	50	M10	10	28		
63	2000	1250	156	60	5	124	70	42	20	9,5	30	4,5	50	M10	10	28		
64	650	400	64	15	6	45,4	58	39	15	15,5	12	2,5	24	M4	4,5	16		
65	1200	750	84	20	5	58	56	35	20	5	15,5	8	36	M6	8	22		
66	1200	750	114	24	5	82	67	39	24	7,5	20,5	11,5	48	M8	10	28		
67	2250	1450	160	60	5	119	82	49	30	9,5	42	23	82	M10	15	30		
68	2250	1450	150	30	5	108,8	82	49	30	9	47	26	90	M10	20	30		
69	350	250	48,6	15	5	29,7	63	50	15	15,5	8,5	3	19	M4	4,5	12		
70	350	250	48,6	15	5	29,7	63	50	15	15,5	8,5	4	20	M4	4,5	12		
71	1750	1050	90	22	5	58	68	39	22	8,5	24,5	3,5	42	M8	9	25		