



WODTOP

Guide Rail Clamp Product Catalog

Company Profile





Shenzhen Tianyi Intelligent Technology Co., Ltd. was established in December 2013. It mainly engages in the research and development, production, sales and service of FA (Factory Automation) precision parts (such as pneumatic components, rolling functional components, high-precision adjustment platforms, four-axis robots, aluminum profiles, industrial robots, industrial control modules, transmitters and sensors), fixtures and automated equipment (lines) for tooling and inspection. By integrating technological innovation, the company's FA (Factory Automation) precision standard parts business helps customers achieve value through its products, making industries more automated and production sites more pleasant. Based on application scenarios, the company's current focus in the tooling and inspection fixtures and automated equipment business is on two major application fields: consumer electronics such as smart phones and wearable devices, and automotive electronics. The company plans to gradually expand its capabilities and serve more application fields in FA factory automation. With a strategic focus on FA precision standard parts and intelligent equipment, it aims to achieve scale through speed and become a leading brand in the industry, contributing to the upgrading of China's industry and the realization of the "Made in China 2025" and "Industry 4.0" blueprints.



Development Process

Startup Stage

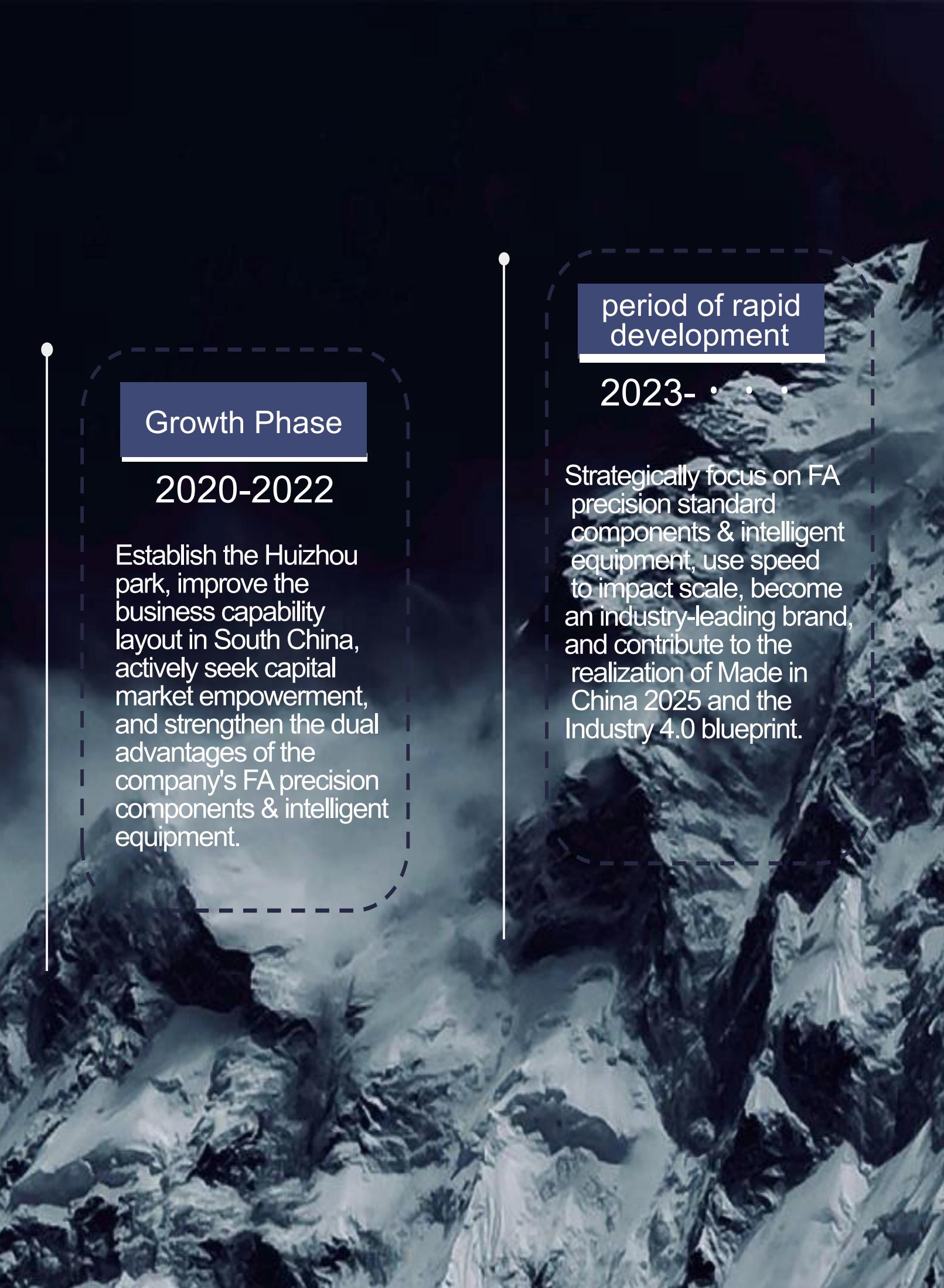
2013-2018

Based in the two major parks of Longhua and Guangming in Shenzhen, complete process research, standard setting, and supply chain verification!

Climbing period

2018-2020

Self-established Suizhou Industrial Park, Strategically positioned FA standard parts, Initially forming a nationwide service network layout.



Growth Phase

2020-2022

Establish the Huizhou park, improve the business capability layout in South China, actively seek capital market empowerment, and strengthen the dual advantages of the company's FA precision components & intelligent equipment.

period of rapid development

2023- · · ·

Strategically focus on FA precision standard components & intelligent equipment, use speed to impact scale, become an industry-leading brand, and contribute to the realization of Made in China 2025 and the Industry 4.0 blueprint.

Please follow the steps below to select the appropriate rail clamp.[eos]

Selection Steps

1. Determine the type
2. Determine the model
3. Confirm holding force
4. Confirm the size and specifications

Selection Example

- Linear guide used: SSR 15XWY manufactured by THK
- Required holding force: 200N
- Purpose: Fix the sliding table

1. Determine the type

Please refer to the product overview and each product page to choose the one that meets your requirements.
When used as an emergency brake, be sure to choose a type with a braking mechanism.

1. Determine the type

Since the purpose is to fix the sliding table and an emergency brake is not needed, an air-pressure type normally closed TMKS is chosen here.

Product Symbol	TMK	TMKS
Page number	P.3-20	P.21-38
Shape		
Characteristics	Normally Open	Normally closed

Air pressure

2. Determine the model

Please find the guide rail clamp suitable for the linear guide rails being used from the selection tables on each product introduction page.

When selecting a model, information about the following guide rails is needed..

- ①Manufacturer of guide rails
- ②Guide Rail Type
- ③Nominal size of the guide rail
- ④Slide Type

2. Determine the model

From the TMKS selection table, it can be seen that it is suitable for the THK-produced SSR 15XWY model, which is TMKS-1501-A.F

SSR	10K	
	C,L,C.,V,L,V	TMKS-6501-A
	R,LR	
	65 C,L,C.,V,L,V	TMKS-6501-A
	15 XWY,XVY,XTBY	TMKS-1501-A
	20 XTB,XW,XV	TMKS-2001-A
	25 XTBY,XWY,XVY	TMKS-2501-A
	30 XW	TMKS-3001-A
	35 XW	TMKS-3501-A
	25 C,L,C,R,LR	TMKS-2501-N
	30 C,L,C,R,LR	TMKS-3001-A
	35 C,L,C,R,LR	TMKS-3501-A
	RH,LRH	
	C,L,C,R,LR	TMKS-4501-A

3. Determine holding force

Please confirm that the holding force of the guide rail clamp, determined using the dimensions and performance table, should be greater than the required holding force.

When the holding force is insufficient, please change the type of rail clamp or increase the number of rail clamps used.

3. Determine holding force

From the TMKS size and performance table, it can be seen that a TMKS-1501-A is used to achieve a holding force of 200N.

TMKS opening pressure: 0.6 MPa			
Model	Endurance (N) (Note) Single Connection / Boosted Connection	Shape	A
TMKS-1201-A	250 / 600	100	48,6
TMKS-1501-A	400 / 1050	100	55
TMKS-2001-A	600 / 1300	100	66
	750 / 1400	100	75
		100	80

4. Determine the size and specifications

Finally, please confirm whether the dimensions, specifications and other requirements meet the design criteria.

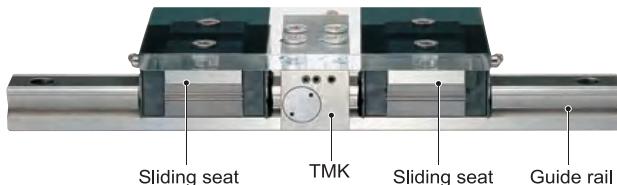
4. Determine the size and specifications

Upon confirmation, in terms of other sizes and specifications, TMKS-1501-A

- For linear guides and square shafts

Product Symbol	TMK	TMKS																																			
Page number	P.3-20	P.21-38																																			
Shape																																					
Characteristics	Normally Open	Normally closed																																			
Control method	Air pressure	Air pressure																																			
Staying power	<p>Staying power (N)</p> <table border="1"> <caption>Data for TMK Staying Power</caption> <thead> <tr> <th>Nominal size (mm)</th> <th>Standard (N)</th> </tr> </thead> <tbody> <tr><td>15</td><td>650</td></tr> <tr><td>20</td><td>1000</td></tr> <tr><td>25</td><td>1200</td></tr> <tr><td>30</td><td>1750</td></tr> <tr><td>35</td><td>2000</td></tr> <tr><td>45</td><td>2250</td></tr> </tbody> </table>	Nominal size (mm)	Standard (N)	15	650	20	1000	25	1200	30	1750	35	2000	45	2250	<p>Staying power (N)</p> <table border="1"> <caption>Data for TMKS Staying Power</caption> <thead> <tr> <th>Nominal size (mm)</th> <th>Standard (N)</th> <th>Boost Connection (N)</th> </tr> </thead> <tbody> <tr><td>15</td><td>400</td><td>1050</td></tr> <tr><td>20</td><td>600</td><td>1600</td></tr> <tr><td>25</td><td>750</td><td>1950</td></tr> <tr><td>30</td><td>1050</td><td>2800</td></tr> <tr><td>35</td><td>1250</td><td>3250</td></tr> <tr><td>45</td><td>1450</td><td>3700</td></tr> </tbody> </table>	Nominal size (mm)	Standard (N)	Boost Connection (N)	15	400	1050	20	600	1600	25	750	1950	30	1050	2800	35	1250	3250	45	1450	3700
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35	1250	3250																																			
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- Used for fixing the slide table, positioning, and preventing vibration.
- Normally open type.
- Clamps the linear guide when air pressure is on.
Releases the clamp when air pressure is off.
- Compact design, can also be used on square shafts.
For the hardness, dimensions, and allowable tolerances of square shafts, please refer to the following pages.
- Special custom products with different pneumatic connection positions, mounting hole positions, etc., are also available. Please consult the customer center.
- Can be easily assembled into existing systems. No design changes such as extending the length of the guide rail or changing the size of the slide table are required.



Material, surface treatment

	TMK
subject	Equivalent to 4Cr15
Air filterF	SUS304
Contact surface	Equivalent to 102Cr17Mo No surface treatment
Adjustment Bolt	Equivalent to 102Cr17Mo No surface treatment
Front cover	SUS303

Plumbing

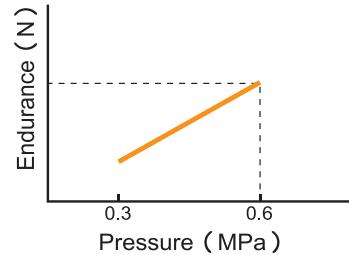
Nominal size of the guide rail	Nominal Thread Diameter	Air consumption (㎠/Cycle (ANR))
#15	M5	0.011
#20	M5	0.019
#25	M5	0.021
#30	M5	0.031
#35	M5	0.031
#45	M5	0.041

Note: Values at a pressure of 0.6 MPa.

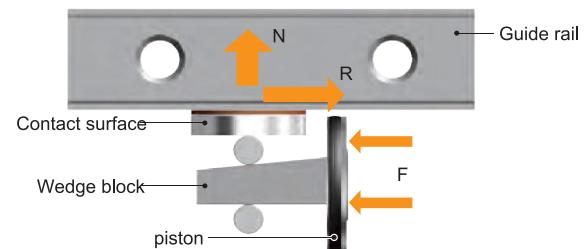
● Staying power

The holding force in this product catalog is the value at a pressure of 0.6 MPa.

The holding force is proportional to the pressure in the range of 0.3 MPa to 0.6 MPa.



TMK's strong holding power comes from the amplifying effect of the wedge block's beveled edge. The force F generated by air pressure acts on the piston and is then converted into the force N through the wedge, with the effect of the inclined surface amplifying it. At this moment, the magnitude of the force N is equal to the force F multiplied by $1/\tan\theta$ (θ being the angle of the wedge). This force N generates a frictional force R on the linear guide, and this frictional force is the strong holding force of TMK.



● Specification

Control direction	Air pressure, normally open
Minimum Operating Pressure	0.3MPa
Maximum Operating Pressure	0.6MPa
Response Time	Up to 0.06s
Operating Temperature	0°C~70°C
Clamping Life [Note]	Up to 5,000,000 times
Nominal size of the applicable guide rail	#15~#45

Note: The reference values are not guaranteed.

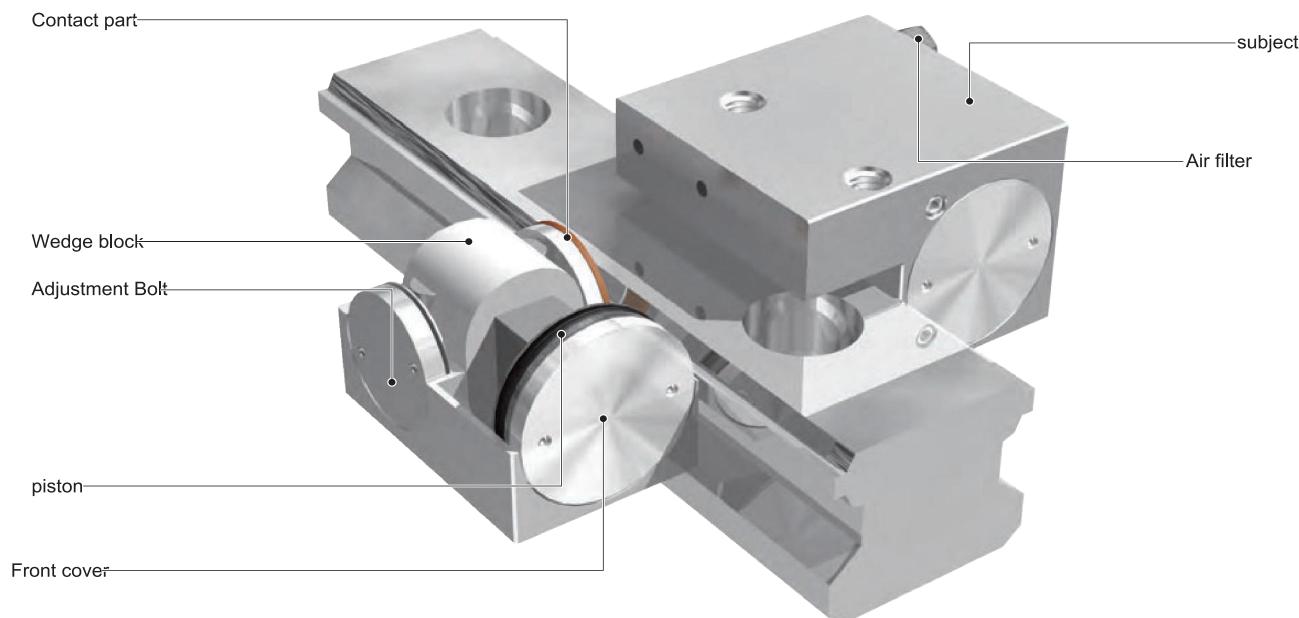
● Install

[Note] Nominal Thread Diameter	Fastening Torque (N·m)
M4	2.8
M5	5.5
M6	9.5
M8	23
M10	46

Note: Please use bolts with a strength grade of 8.8 or higher. For installation methods and usage precautions, please refer to the following pages.

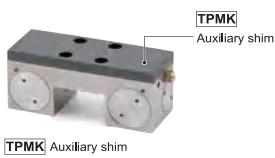


● Construct



● Related Products

To make the height of the TMK consistent with that of the linear guide slider, auxiliary shims can be used.



Available in pneumatic and normally closed TMKS types.



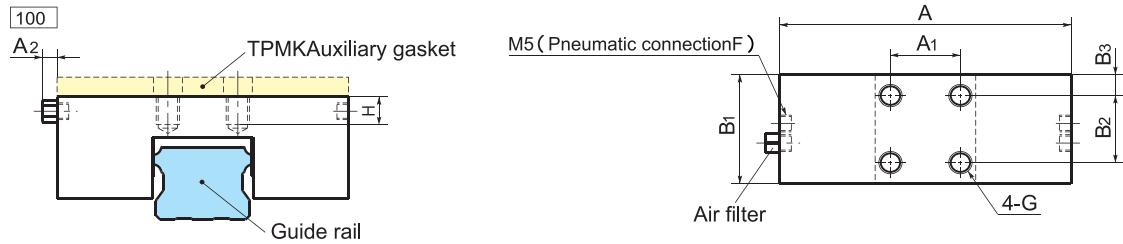
Model designation

TMK-3501-A

Model

Guide Rail Clamp

TMK series



Size and performance

Notes: mm

Model	Staying power [Note] (N)	A	A ₁	A ₂	B ₁	B ₂	B ₃	G	H	Quality (kg)
TMK-1501-A	650	55	15	6	39	15	15.5	M4	4.5	0.23
TMK-2001-A	1000	66	20	6	39	20	5	M5	5.5	0.32
TMK-2501-A	1200	75	20	5	35	20	5	M6	8	0.36
TMK-3001-A	1750	90	22	5	39	22	8.5	M8	10	0.61
TMK-3501-A	2000	100	24	5	39	24	7.5	M8	10	0.69
TMK-4501-A	2250	120	26	5	49	26	11.5	M10	15	1.34

Note: The value corresponds to a pressure of 0.6 MPa, and the holding force is proportional to the pressure within the range of 0.3 MPa to 0.6 MPa.

Model designation

TMK-3501-A

Model

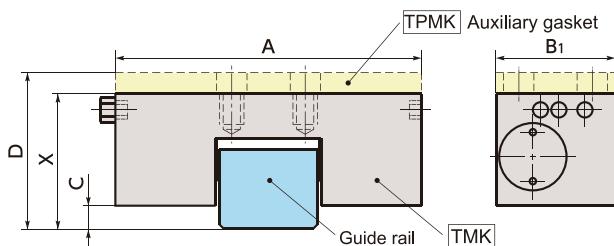
Guide Rail Clamp

TMK series

● Selection Table

- THK

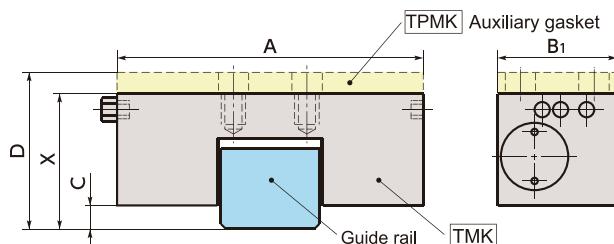
Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					Unit: mm
					A	B1	C	X	D	
SHS	15	C,LC	TMK-1501-A	-	55	39	2.5	24	24	24
		V,LV		TPMK-15-4	28					
		R								
	20	C,LC	TMK-2001-A	-	66		4.5	30	30	30
		V,LV								
		V,LR		TPMK-25-2	75	35	6	34	36	40
	25	C,LC	TMK-2501-A	TPMK-25-6						
		V,LV								
		R,LR								
	30	C,LC	TMK-3001-A	-	90	39	7	42	42	45
		V,LV		TPMK-30-3						
		R,LR								
	35	C,LC	TMK-3501-A	TPMK-35-4	100		7.5	44	48	48
		V,LV		TPMK-35-11						
		R,LR								
	45	C,LC	TMK-4501-A	TPMK-45-6	120	49	10.5	54	60	60
		V,LV		TPMK-45-16						
		R,LR								
HSR	15	A,B	TMK-1501-A	-	55	39	25	24	42	42
		R		TPMK-15-4	28					
	20	A,LA,B,LB,CA,HA,CB,HB	TMK-2001-A	-	66		4.5	30	30	30
		R,LR								
	25	A,LA,B,LB,CA,HA,CB,HB	TMK-2501-A	-	75	35	8	36	36	36
		R,LR		TPMK-25-4						
	30	A,LA,B,LB,CA,HA,CB,HB	TMK-3001-A	-	90	39	7	42	42	45
		R,LR		TPMK-30-3						
	35	A,LA,B,LB,CA,HA	TMK-3501-A	-	100	39	8.5	45	48	48
		CB,HB		TPMK-35-3						
		R,LR		TPMK-35-10						
	45	A,LA,B,LB	TMK-4501-A	-	120	49	16.5	60	60	60
		CA,HA,CB,HB		TPMK-45-10						
		R,LR								
SSR	15	XTBY	TMK-1501-A	-	55	39	2.5	24	24	24
		XWY,XVY								
	20	XTB	TMK-2001-A	-	66		28	28	28	28
		XW,XV								
	25	XTBY	TMK-2501-A	-	75	35	5	33	33	33
		XWY,XVY								
		XW	TMK-3001-A	-	90	39	7	42	42	42
	35		TMK-3501-A	TPMK-35-3	100		11.5	48	48	



Guide Rail Clamp

TMK series

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
SR	15	TB,SB W,V	TMK-1501-A	TPMK-35-3	55	39	2.5	24	24
		TB,SB W,V	TMK-2001-A		66			28	28
	25	TB,SB W,V	TMK-2501-A		75	35	5	33	33
		TB,SB W,V	TMK-3001-A		90	39	7	42	42
	35	TB,SB W,V	TMK-3501-A		100		11.5	48	48
		TB W	TMK-4501-A		120	49	16.5	60	60
SVR	30	C,LC,LR,R	TMK-3001-A	-	90	68	3	38	38
		CH,LCH	TMK-3501-A	TPMK-35-3	100	67	4.5	41	44
		LRH,RH		TPMK-35-7					48
		C,LC,LR,R		TPMK-35-14					55
	45	CH,LCH	TMK-4501-A	TPMK-45-8	120	82	85	52	52
		LRH,RH		TPMK-45-18					60
		C,LC,LR,R		TPMK-45-18					70
SVS	30	C,LC,LR,R	TMK-3001-A	-	90	68	3	38	38
		CH,LCH	TMK-3501-A	TPMK-35-3	100	67	4.5	41	44
		LRH,RH		TPMK-35-7					48
		C,LC,LR,R		TPMK-35-14					55
	45	CH,LCH	TMK-4501-A	TPMK-45-8	120	82	8.5	52	52
		LRH,RH		TPMK-45-18					60
		C,LC,LR,R		TPMK-45-18					70

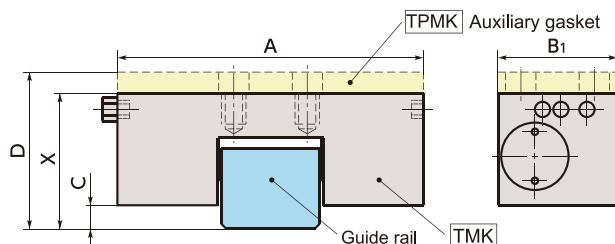


● Selection Table

• THK

Unit: mm

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
NR/NRS	30	A,LA,B,LB R,LR	TMK-3001-A	-	90	39		38	38	
		A,LA,B,LB R,LR			100		7.5	44	44	
	45	A,LA,B,LB R,LR	TMK-4501-A		120		8.5	52	52	
		C,LC R,LR			90	39	3	38	38	
SNR/SNS	35	C,LC R,LR	TMK-3501-A	TPMK-35-11	100		7.5	44	44	
		RH,LRH							55	
		C,LC R,LR			-	120			52	
	45	RH,LRH	TMK-4501-A	TPMK-45-8			8.5	52	60	
		CH,LCH							70	



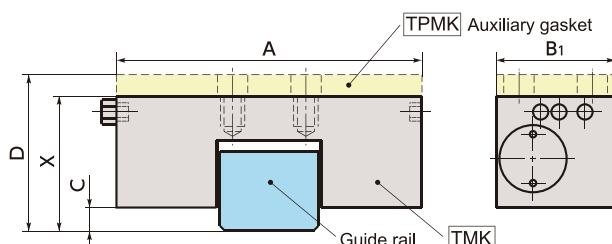
Guide Rail Clamp

TMK series

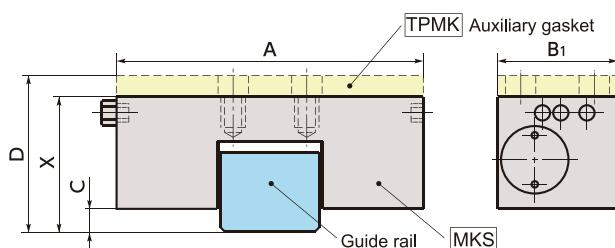
● Selection Table

• IKO

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
ME	15	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMK-1501-A		55	39	2.5	24	24	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			66			28	28	
	20	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMK-2001-A		75	35	5	33	33	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			90	39	7	42	42	
	25	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMK-2501-A		100		11.5	48	48	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			120	49	16.5	60	60	
LWE	20	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMK-2001-A		66	39	2.5	28	28	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			75	35	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	39	7	42	42	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			100		11.5	48	48	
	25	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMK-2501-A		120	49	16.5	60	60	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			66	39	2.5	28	28	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			75	35	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	39	7	42	42	
	30	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMK-3001-A		100	39	11.5	48	48	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			120	49	16.5	60	60	
	35	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMK-3501-A		66	39	2.5	28	28	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			75	35	5	33	33	
	45	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMK-4501-A		90	39	7	42	42	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			100	39	11.5	48	48	



Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
MH	15	MH,MHT	TMK-1501-A	TPMK-15-4	55	39	2.5	24	24
		MHS							28
		MHD							30
	20	MH,MHG,MHT,MHTG	TMK-2001-A	-	66	35	8	36	36
		MHS,MHSG							40
		MH,MHG,MHT,MHTG	TMK-2501-A	TPMK-25-4	75	35	7	42	42
		MHS,MHSG							45
	30	MHD,MHDG	TMK-3001-A	TPMK-30-3	90	39	11.5	48	48
		MH,MHG,MHT,MHTG							55
		MHD,MHDG							60
LWH	15	MH,MHG,MHT,MHTG	TMK-3501-A	TPMK-35-7	100	49	14.5	58	58
		MHD,MHDG							70
		MH,MHG,MHT,MHTG	TMK-4501-A	TPMK-45-2	120	49	14.5	58	60
		MHD,MHDG							70
	20	LWH,LWHT	TMK-1501-A	TPMK-15-4	55	39	2.5	24	24
		LWHS							28
		LWHD,LWHY							30
	25	LWH,LWHG,LWHT,LWHTG	TMK-2001-A	-	66	35	8	36	36
		LWHS,LWHS							40
		LWHD,LWDG							42
	30	LWHD,LWDG	TMK-3001-A	TPMK-30-3	90	39	7	42	42
		LWHY							45
		LWH,LWHT,LWHTG	TMK-3501-A	TPMK-35-7	100	49	11.5	48	48
		LWHD,LWDG							55
	35	LWHY							60
		LWH,LWHT,LWHTG	TMK-4501-A	TPMK-45-2	120	49	14.5	58	60
		LWHD,LWDG							70



Guide Rail Clamp

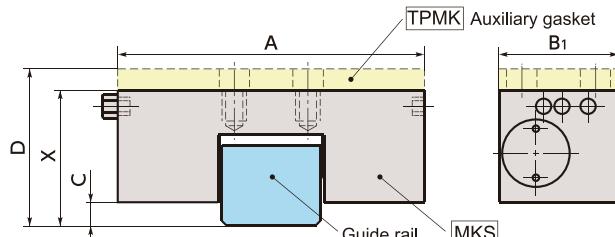
TMK series

● Selection Table

• IKO

Unit: mm

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
MX	25	MXC,MX,MXG,MXL	TMK-2501-A	TPMK-35-7	75	35	8	36	36	
		MXSC,MXS,MXSG,MXSL			12	40	40			
		MXDC,MXD,MXDG,MXDL			90	39	7	42	42	
	30	MXC,MX,MXG,MXL	TMK-3001-A		100	39	10	45	45	
		MXSC,MXS,MXSG,MXSL			11.5	48	48			
		MXDC,MXD,MXDG,MXDL			120	49	10	45	55	
	35	MXC,MX,MXG,MXL	TMK-3501-A		120	49	11.5	48	48	
		MXDC,MXD,MXDG,MXDL			120	49	12	40	55	
		MXC,MX,MXG,MXL			120	49	16.5	60	60	
LRX	45	MXDC,MXD,MXDG,MXDL	TMK-4501-A		120	49	16.5	60	70	
		LRXC,LRX,LRXG			75	35	8	36	36	
		LRXSC,LRXS,LRXSG			75	35	12	40	40	
	25	LRXDC,LRXD,LRXDG	TMK-2501-A		90	39	7	42	42	
		LRXC,LRX,LRXG			90	39	10	45	45	
		LRXSC,LRXS,LRXSG			100	39	11.5	48	48	
	30	LRXDC,LRXD,LRXDG	TMK-3001-A		100	39	11.5	48	55	
		LRXC,LRX,LRXG			120	49	12	40	55	
		LRXSC,LRXS,LRXSG			120	49	16.5	60	60	
35	35	LRXDC,LRXD,LRXDG	TMK-3501-A		120	49	16.5	60	70	
		LRXC,LRX,LRXG			120	49	16.5	60	70	



Guide Rail Clamp

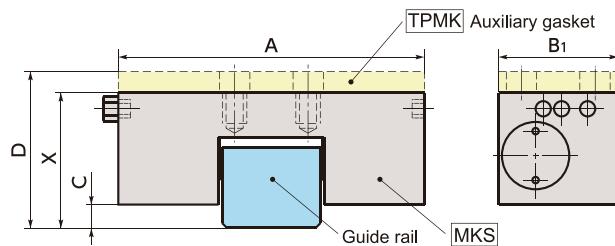
TMK series

● Selection Table

• NSK

Unit: mm

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
NH	15	EM,GM	TMK-1501-A	-	55	39	2.5	24	24
		AN,BN		TPMK-15-4					28
	20	EM,GM	TMK-2001-A	-	66	35	4.5	30	30
		AL,BL		-	75		8	36	36
	25	EM,GM	TMK-2501-A	-	75		8	36	40
		AN,BN		TPMK-25-4					
		AL,BL	TMK-3001-A	-	90	39	10	42	42
	30	AN,BN		TPMK-30-3			7		45
		EM,GM		-	100		10	45	
	35	AL,BL	TMK-3501-A	-	100		11.5	48	48
		EM,GM		TPMK-35-7					55
		AN,BN		-	120	49	16.5	60	60
	45	EM,GM	TMK-4501-A	-	120	49	16.5	60	60
		AN,BN		TPMK-45-10					70
NS	15	CL,AL	TMK-1501-A	-	55	39	2.5	24	24
		JM,EM		-	66		2	28	
	20	CL,AL	TMK-2001-A	-	75	35	5	33	33
		JM,EM		-	90		7	42	42
	25	CL,AL	TMK-2501-A	-	100	39	7.5	44	48
LH	30	CL,AL	TMK-3001-A	-	90	39	10	42	42
		TMK-3501-A	TPMK-35-4	-	100		7	45	45
	35	EM,GM,EL,GL,FL,HL	TMK-1501-A	-	55	39	8	36	36
		AN,BN		TPMK-15-4					40
	40	EM,GM,EL,GL,FL,HL	TMK-2001-A	-	66	35	4.5	30	30
		AN,BN		-	75		8	36	
	45	AL,BL	TMK-2501-A	-	90	39	10	45	45
		EM,GM,EL,GL,FL,HL		TPMK-25-4					
		AN,BN		-	100		11.5	48	48
	50	EM,GM,EL,GL,FL,HL	TMK-3001-A	-	100	39	7	45	45
		AN,BN		TPMK-30-3					
	55	AL,BL	TMK-3501-A	-	120	49	10	45	45
		EM,GM,EL,GL,FL,HL		TPMK-35-7					
	60	AN,BN	TMK-4501-A	-	120	49	16.5	60	60
		AN,BN		TPMK-45-10					70



Guide Rail Clamp

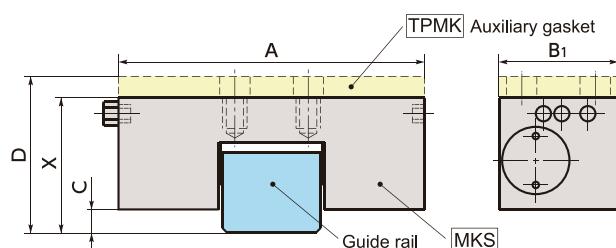
TMK series

● Selection Table

• NSK

Unit: mm

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
SH	15	EM,GM	TMK-1501-A	-	55	39	2.5	24	24	
		AN,BN		TPMK-15-4					28	
	20	EM,GM	TMK-2001-A	TPMK-25-4	66	35	4.5	30	30	
		AL,BL							36	
	25	EM,GM			75	35	8	36	40	
		AN,BN							40	
	30	AL,BL	TMK-3001-A	TPMK-35-7	90	39	7	42	42	
		EM,GM					10	45	45	
		AN,BN						11.5	48	
LS	15	CL,AL	TMK-1501-A	TPMK-35-4	55	39	2.5	24	24	
		JM,EM						28	28	
	20	CL,AL	TMK-2001-A		66	35	5	33	33	
		JM,EM						7	42	
	25	CL,AL	TMK-2501-A		90	39	7.5	44	48	
		JM,EM						100	55	
	30	CL,AL	TMK-3001-A		100	39	7.5	44	48	
		KL,FL,EL						100	55	
	35	CL,AL	TMK-3501-A		100	39	7.5	44	48	
		KL,FL,EL						100	55	
SS	15	CL,AL	TMK-1501-A	TPMK-35-4	55	39	2.5	24	24	
		KL,EM						28	28	
	20	CL,AL	TMK-2001-A		66	35	5	33	33	
		KL,EM						90	42	
	25	CL,AL	TMK-2501-A		100	39	7.5	44	48	
		KL,EM						100	55	
30	CL,AL	TMK-3001-A	TPMK-35-4		100	39	7.5	44	48	
		KL,EM						100	55	
35	CL,AL	TMK-3501-A	TPMK-35-4		100	39	7.5	44	48	
		KL,EM						100	55	

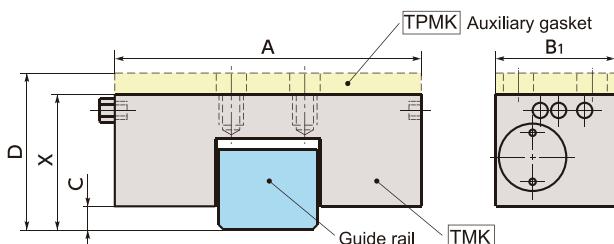


Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					Unit: mm
					A	B ₁	C	X	D	
LA	25	EL,FL,GL,HL	TMK-2501-A	-	75	35	8	36	36	
		AN,BN		TPMK-25-4					40	
	30	EL,FL,GL,HL	TMK-3001-A	-	90	39	7	42	42	
		AN,BN		-					45	
	35	AL,BL	TMK-3501-A	-	100	39	10	45	45	
		EL,FL,GL,HL		-					48	
		AN,BN		TPMK-35-7					55	
	45	AL,BL	TMK-4501-A	-	120	49	11.5	48	60	
		EL,FL,GL,HL		-					60	
		AN,BN		TPMK-45-10					70	

●选型表

• NSK

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions					Unit: mm
					A	B ₁	C	X	D	
LY	15	AL	TMK-1501-A	-	55	39	2.5	24	24	
		EL,FL		-					28	
		AN		TPMK-15-4						
	20	AL,BL	TMK-2001-A	-	66	39	4.5	30	30	
		EL,FL,GL,HL		-						
		AL,BL		-					36	
	25	EL,FL,GL,HL	TMK-2501-A	-	75	35	8	36	36	
		AN,BN		TPMK-25-4					40	
		AL,BL		-						
	30	EL,FL,GL,HL	TMK-3001-A	-	90	39	7	42	42	
		AN,BN		-					45	
		AL,BL		-						
	35	EL,FL,GL,HL	TMK-3501-A	-	100	39	10	45	45	
		AN,BN		TPMK-35-7					48	
		AL,BL		-					55	
	45	EL,FL,GL,HL	TMK-4501-A	-	120	49	11.5	60	60	
		AN,BN		TPMK-45-10					70	



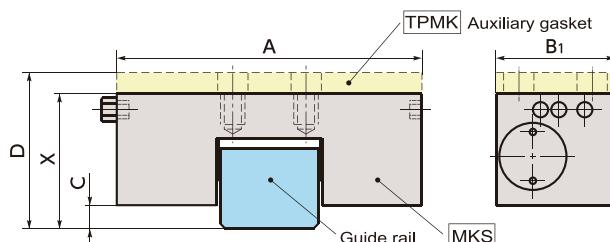
Guide Rail Clamp

TMK series

● Selection Table

• NB

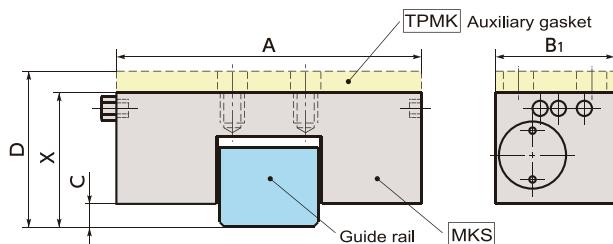
Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B1	C	X	D
SGL	15	E,E..D,TE,TE..D	TMK-1501-A	-	55	39	2.5	24	24
		F,F..D,TF,TF..D		-					24
		HTE,HYE,HTEX		TPMK-15-4					28
		HTF,HYF		-	66	28	30	30	28
	20	E,TE	TMK-2001-A	-					30
		F,TF		-					33
		HTE,HYE,HTEX		TPMK-20-2					36
		HTF,HYF		-					40
	25	E,TE	TMK-2501-A	-	75	35	5	33	33
		F,TF		-					36
		HTE,HYE,HTEX		TPHK-25-3					40
		HTF,HYF		TPHK-25-7					42
	30	E,TE,HTE,HYE,HTEX	TMK-3001-A	TPMK-30-2	90	40	40	42	42
		F,TF		TPMK-30-5					45
		HTF,HYF		-					45
	35	E,TE,HTE,HTEX	TMK-3501-A	TPMK-35-4	100	7.5	44	48	48
		F,TF		TPMK-35-11					55
		HTF,HYF		-					55
	45	HTE,HYE,HTEX	TMK-4501-A	TPMK-45-4	120	49	12.5	56	60
		HTF,HYF		TPMK-45-14					70



● Selection Table

• MISUMI

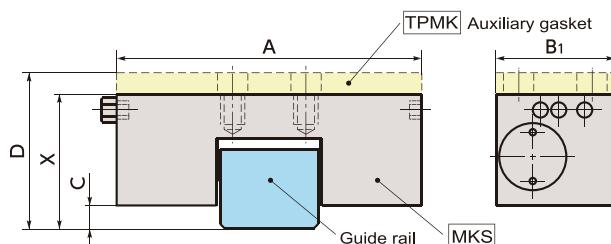
Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Unit: mm				
					A	B ₁	C	X	D
Standard linear guide rail	15	SVR24,SVRL24,SVRJ24,SVRLJ24,SSVR24,SSVRL24	TMK-1501-A	TPMK	55	2424			
		SVRD24,SVRK24,SVRDL24,SVRKL24							
		SVRN24,SVRNL24,SSVRN24,SSVRNL24							
		SVRZ24,SVRLZ24,SSVRZ24,SSVRLZ24							
		SVW24,SVWL24,SVWT24,SVWTL24,SSVW24,SSVWL24							
		SVWD24,SVWK24,SVWDL24,SVWKL24							
		SVWZ24,SVWLZ24,SVWTZ24,SVWTLZ24							
		SXR24,SXRL24,SXRJ24,SXRLJ24,SSXR24,SSXRL24							
		SXRD24,SXRK24,SXRDL24,SXRKL24							
		SXRN24,SXRNL24,SSXRN24,SSXRN24							
		SXRZ24,SSXRZ24,SSXRLZ24							
		SXW24,SXWL24,SXWT24,SXWTL24,SSXW24,SSXWL24							
		SXWD24,SXWK24,SXWDL24,SXWKL24							
		SXWZ24,SXWLZ24,SXWTZ24,SXWTLZ24							
Standard linear guide rail	20	SVR28,SVRL28,SVRJ28,SVRLJ28,SSVR28,SSVRL28	TMK-2001-A	TPMK	39	2.5			
		SVRD28,SVRK28,SVRDL28,SVRKL28							
		SVRN28,SVRNL28,SSVRN28,SSVRNL28							
		SVRZ28,SVRLZ28,SSVRZ28,SSVRLZ28							
		SVW28,SVWL28,SVWT28,SVWTL28,SSVW28,SSVWL28							
		SVWD28,SVWK28,SVWDL28,SVWKL28							
		SVWZ28,SVWLZ28,SVWTZ28,SVWTLZ28							
		SXR28,SXRL28,SXRJ28,SXRLJ28,SSXR28,SSXRL28							
		SXRD28,SXRK28,SXRDL28,SXRKL28							
		SXRN28,SXRNL28,SSXRN28,SSXRN28							
		SXRZ28,SSXRZ28,SSXRLZ28							
		SXW28,SXWL28,SXWT28,SXWTL28,SSXW28,SSXWL28							
		SXWD28,SXWK28,SXWDL28,SXWKL28							
		SXWZ28,SXWLZ28,SXWTZ28,SXWTLZ28							
		SERZ30,SERLZ30							
		SEWZ30,SEWLZ30,SEWTZ30,SEWTLZ30							
		SHRZ30,SHRLZ30,SSHZRZ30,SSHRLZ30							
		SHWZ30,SHWLZ30,SHWTZ30,SHWTLZ30							



Guide Rail Clamp

TMK series

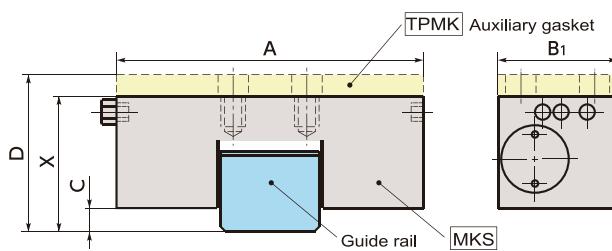
Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B1	C	X	D
Standard linear guide rail	25	SHRZ36,SHRLZ36	TMK-2501-A	TPMK-25-4			8		
		SVR33,SVRL33,SVRJ33,SVRLJ33,SSVR33,SSVRL33							
		SVRD33,SVRK33,SVRDL33,SVRKL33							
		SVRN33,SVRNL33,SSVRN33,SSVRNL33							
		SVRZ33,SVRLZ33,SSVRZ33,SSVRLZ33							
		SVW33,SVWL33,SVWT33,SVWTL33,SSVW33,SSVWL33							
		SVWD33,SVWK33,SVWDL33,SVWKL33							
		SVWZ33,SVWLZ33,SVWTZ33,SVWTLZ33					5	33	33
		SXR33,SXRL33,SXRJ33,SXRLJ33,SSXR33,SSXRL33							
		SXRD33,SXRK33,SXRDL33,SXRLK33							
		SXRN33,SXRNL33,SSXRN33,SSXRNL33							
		SXRZ33,SSXRZ33,SSXRLZ33							
		SXW33,SXWL33,SXWT33,SXWTL33,SSXW33,SSXWL33							
		SXWD33,SXWK33,SXWDL33,SXWKL33							
		SXWZ33,SXWLZ33,SXWTZ33,SXWTLZ33							
		SERZ36,SERLZ36							
		SEWZ36,SEWLZ36,SEWTZ36,SEWTLZ36							
		SHWZ36,SHWLZ36,SHWTZ36,SHWTLZ36							
		SSHZRZ40,SSHRLZ40							
30	30	SERZ42,SERLZ42	TMK-3001-A	TPMK-25-4					
		SEWZ42,SEWLZ42,SEWTZ42,SEWTLZ42							
		SHRZ42,SHRLZ42							
		SHWZ42,SHWLZ42,SHWTZ42,SHWTLZ42							
		SVRZ42,SVRLZ42							
		SVWZ42,SVWLZ42,SVWTZ42,SVWTLZ42							
		SXRZ42,SXRLZ42							
		SXWZ42,SXWLZ42,SXWTZ42,SXWTLZ42							



● Selection Table

• HIWIN

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
EG	15	EGH..SA,EGH..CA	TMK-1501-A	-	55	39	2.5	24	24
		EGW..SC,EGW..CC							
	20	EGH..SA,EGH..CA	TMK-2001-A	-		39	2.5	28	28
		EGW..SC,EGW..CC							
	25	EGH..SA,EGH..CA	TMK-2501-A	TPMK-25-2	75	35	3	31	33
		EGW..SC,EGW..CC							
	30	EGH..SA,EGH..CA	TMK-3001-A	TPMK-30-2	90	39	5	40	42
		EGW..SC,EGW..CC							
HG	15	HGW..CA,HGW..CB,HGW..CC	TMK-1501-A	-	55	2.5	24	24	24
		HGH..CA							28
	20	HGH..CA,HGH..HA	TMK-2001-A	-	66	39	4.5	30	30
		HGW..CA,HGW..HA,HGW..CB,HGW..HB							
		HGW..CC,HGW..HC							
	25	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMK-2501-A	TPMK-25-4	75	35	8	36	36
		HGH..CA,HGH..HA							40
	30	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMK-3001-A	TPMK-30-3	90	39	7	42	42
		HGH..CA,HGH..HA							45
	35	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMK-3501-A	TPMK-35-7	100	39	11.5	48	48
		HGH..CA,HGH..HA							55
	45	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMK-4501-A	TPMK-45-2	120	49	14.5	58	60
		HGH..CA,HGH..HA							70
LG	15	LGW..CC	TMK-1501-A	-	55	39	2.5	24	24
		LGH..CA							28
	20	LGH..CA,LGH..HA	TMK-2001-A	-	66	39	4.5	30	30
		LGW..CC,LGW..HC							36
	25	LGH..CA,LGH..HA	TMK-2501-A	TPMK-25-4	75	35	8	36	40
		LGW..CC,LGW..HC							42
	30	LGH..CA,LGH..HA	TMK-3001-A	TPMK-30-3	90	39	7	42	42
		LGW..CC,LGW..HC							45
	35	LGH..CA,LGH..HA	TMK-3501-A	TPMK-35-4	100	39	7.5	44	48
		LGW..CC,LGW..HC							55
	45	LGH..CA,LGH..HA	TMK-4501-A	TPMK-45-8	120	49	8.5	52	60
		LGW..CC,LGW..HC							70



Guide Rail Clamp

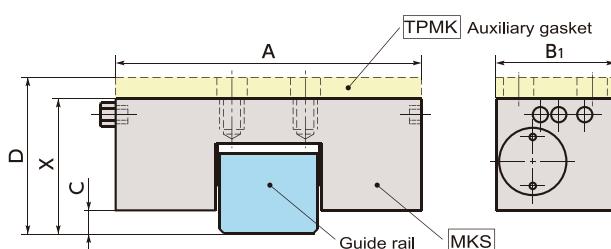
TMK series

Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B1	C	X	D
KUE	15	KWE	TMK-1501-A	-	55	39	2.5	24	24
		KWE..H		TPMK-15-4					28
	20	KWE	TMK-2001-A	-	66	35	4.5	30	30
		KWE..H							
	25	KWE	TMK-2501-A	TPMK-25-4	75	35	4	32	36
		KWE..H		TPMK-25-8					40
	30	KWE	TMK-3001-A	TPMK-30-2	90	39	5	40	42
		KWE..H		TPMK-30-5					45
	35	KWE	TMK-3501-A	TPMK-35-8	100	35	3.5	40	48
		KWE..H		TPMK-35-15					55
KUSE	20	KWSE,KWSE..L	TMK-2001-A	-	66	39	4.5	30	30
		KWSE..H,KWSE..HL							
	25	KWSE,KWSE..L	TMK-2501-A	-	75	35	8	36	36
		KWSE..H,KWSE..HL		TPMK-25-4					40
	30	KWSE,KWSE..L	TMK-3001-A	-	90	39	7	42	42
		KWSE..H,KWSE..HL		TPMK-30-3					45
	35	KWSE,KWSE..L	TMK-3501-A	-	100	39	11.5	48	48
		KWSE..H,KWSE..HL		TPMK-35-7					55
	45	KWSE,KWSE..L	TMK-4501-A	-	120	49	16.5	60	60
		KWSE..H,KWSE..HL		TPMK-45-10					70

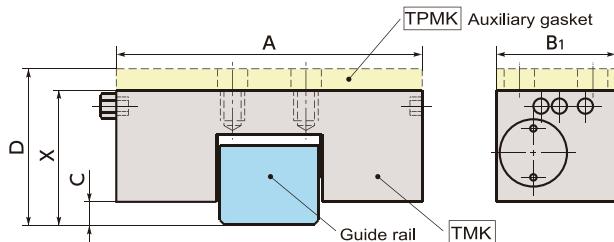
● Selection Table

• PMI

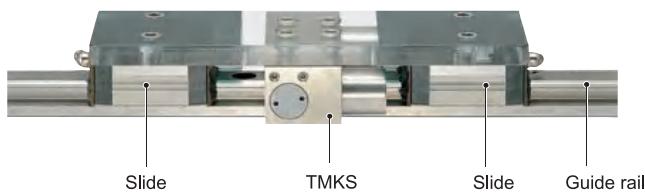
Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B1	C	X	D
MSA	15	A,E	TMK-1501-A	-	55	39	2.5	24	24
		S		TPMK-15-4					28
	20	A,LA,E,LE	TMK-2001-A	-	66	35	4.5	30	30
		S,LS							
	25	A,LA,E,LE	TMK-2501-A	-	75	35	8	36	36
		S,LS		TPMK-25-4					40
	30	A,LA,E,LE	TMK-3001-A	-	90	39	7	42	42
		S,LS		TPMK-30-3					45
	35	A,LA,E,LE	TMK-3501-A	TPMK-35-3	100	39	8.5	45	48
		S,LS		TPMK-35-10					55
	45	A,LA,E,LE	TMK-4501-A	-	120	49	16.5	60	60
		S,LS		TPMK-45-10					70



Types of Guide Rails	Guide rail dimensions	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
SME	15	EA,LEA	TMK-1501-A	-	55	39	2.5	24	24
		EB,LEB		TPMK-15-4					
		SB,LSB			66		2.5	28	28
		SA,SEA		TPMK-15-4					30
	20	EB,LEB	TMK-2001-A	-	66		3.5	31	33
		SB,LSB		TPMK-20-2					36
		SA,SEA							40
	25	EB,LEB	TMK-2501-A	TPMK-25-2	75	35	3	31	42
		SB,LSB		TPMK-25-5					45
		EA,LEA		TPMK-25-9					48
		SV,LSV							55
		SA,LSA							
	30	EA,LEA	TMK-3001-A	-	90	39	7	42	60
		SB,LSB		TPMK-30-3					70
		SA,SEA							
	35	EA,LEA	TMK-3501-A	TPMK-35-6	100	5.5	42	48	42
		SB,LSB		TPMK-35-13					45
		SA,SEA							55
	45	EA,LEA	TMK-4501-A	TPMK-45-6	120	49	10.5	54	60
		SB,LSB		TPMK-45-16					70
		SA,SEA							



- Used for securing the slide table, positioning, and preventing vibration.
- Normally Closed (NC) type.
When air is supplied: releases clamping.
When air is exhausted: clamps the linear guide rail with the force of the spring.
- Minimum operating pressure of 0.3MPa; products with 0.4MPa have been standardized.
- Compact design, can also be used on square shafts.
For the hardness and dimensional tolerance of square shafts, please refer to the following pages.
- For various test data, please refer to the following pages.
- Can be easily assembled into existing systems without design changes such as extending the length of the guide rail or changing the dimensions of the slide table.



Material, surface treatment

	TMK
Subject	Equivalent to 4Cr15
Air filter	SUS304
Contact surface	Equivalent to 102Cr17Mo No surface treatment
Adjusting bolt	Equivalent to 102Cr17Mo No surface treatment
Front cover	SUS303

Plumbing

Nominal size of the guide rail	Nominal Thread Diameter	Air Consumption (㎠/Cycle (ANR))
#15	M5	0.011
#20	M5	0.019
#25	M5	0.021
#30	M5	0.031
#35	M5	0.031
#45	M5	0.041

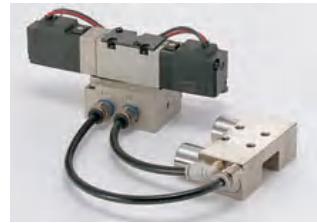
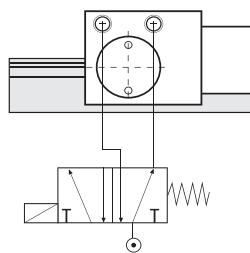
Note: Value at a pressure of 0.6 MPa.

Boost Connection

A 'pressure-boosted connection' refers to a connection method that increases the holding force by adding air pressure on top of the spring's holding force, thereby enhancing the overall holding force.

Boosted Connection Method

- Remove the air filter,
- Install the pipe fittings, hoses, and solenoid valve,
- Start supplying air,
- Activate the solenoid valve and check the on/off status of the Kourangba.



● Specification

	TMKS-03	TMKS-04	TMKS
Control direction			Air pressure, normally closed
Opening pressure	0.3MPa	0.4MPa	0.55MPa
Maximum Operating Pressure			0.6MPa
Response Time			Up to 0.6s
Operating Temperature			0°C~70°C
Clamping Life [Note]			5,000,000 times
Nominal size of the applicable guide rail			#15~#45

Note: The reference values are not guaranteed.

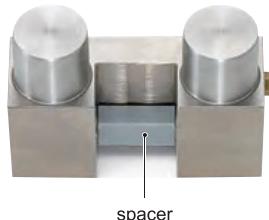
● Install

Nominal Thread Diameter [Note]	Fastening Torque (N·m)
M4	2.8
M5	5.5
M6	9.5
M8	23
M10	46

Note: Please use bolts with a strength grade of 8.8 or higher.。

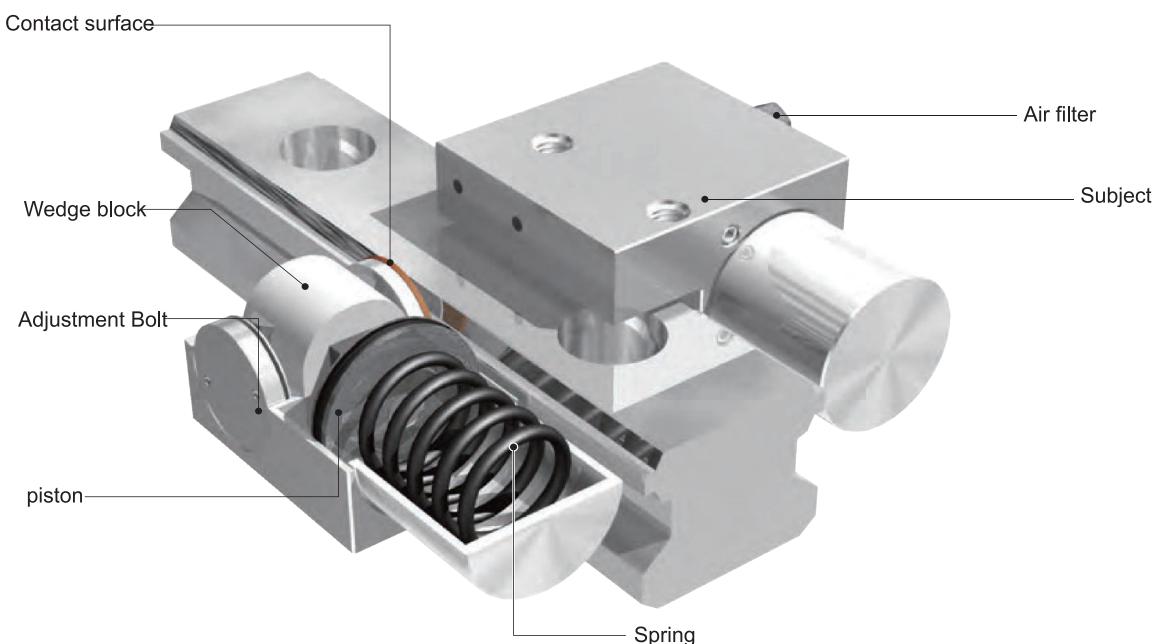
Precautions for Use

TMKS has a spacer block placed between the contact surfaces when it leaves the factory. Do not remove this block except during installation. If left without the block for an extended period, TMKS may fail to operate.



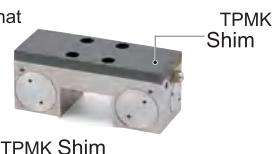


● Construct



● Related Products

To align the height of the TMKS with that of the linear guide slider, an auxiliary shim TPMK can be used.



Available in pneumatic and normally open TMK types



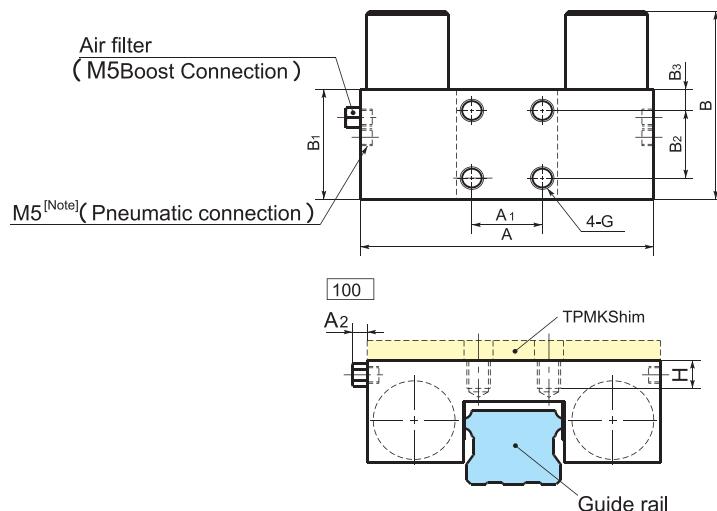
Model designation

TMKS-3501-A

Model

Guide Rail Clamp

TMKS series



Size, performance

TMKS-03 Opening Pressure: 0.3 MPa

Model	Endurance (N) [Note] Standard Connection / Boosted Connection	A	A1	A2	B	B1	B2	B3	G	H	Quality (kg)
TMKS-1501-A-03	250 / 550	55	15	6	58	39	15	15.5	M4	4.5	0.26
TMKS-2001-A-03	350 / 810	66	20	6	61	39	20	5	M5	5.5	0.36
TMKS-2501-A-03	350 / 880	75	20	5	56	35	20	5	M6	8	0.42
TMKS-3001-A-03	750 / 1320	90	22	5	68	39	22	8.5	M8	10	0.68
TMKS-3501-A-03	850 / 1800	100	24	5	67	39	24	7.5	M8	10	0.8
TMKS-4501-A-03	1050 / 1900	120	26	5	82	49	26	11.5	M10	15	1.49

Note: The holding force of the pressurized connection is the value at a pressure of 0.3 MPa.~

TMKS-04 Opening Pressure: 0.4MPa

Model	Endurance (N) Standard Connection / Boosted Connection	A	A1	A2	B	B1	B2	B3	G	H	Quality (kg)
TMKS-1501-A-03	300 / 650	55	15	6	58	39	15	15.5	M4	4.5	0.26
TMKS-2001-A-03	500 / 1150	66	20	6	61	39	20	5	M5	5.5	0.36
TMKS-2501-A-03	650 / 1300	75	20	5	56	35	20	5	M6	8	0.42
TMKS-3001-A-03	850 / 1700	90	22	5	68	39	22	8.5	M8	10	0.68
TMKS-3501-A-03	1100 / 1900	100	24	5	67	39	24	7.5	M8	10	0.8
TMKS-4501-A-03	1350 / 2000	120	26	5	82	49	26	11.5	M10	15	1.49

Note: The holding force of the pressurized connection is the value at a pressure of 0.4 MPa.

TMKS Opening Pressure: 0.55MPa

Model	Endurance (N) [Note] Standard Connection / Boosted Connection	A	A1	A2	B	B1	B2	B3	G	H	Quality (kg)
TMKS-1501-A	400/1050	55	15	6	58	39	15	15.5	M4	4.5	0.26
TMKS-2001-A	600/1300	66	20	6	61	39	20	5	M5	5.5	0.36
TMKS-2501-A	750/1400	75	20	5	56	35	20	5	M6	8	0.42
TMKS-3001-A	1050/2600	90	22	5	68	39	22	8.5	M8	10	0.68
TMKS-3501-A	1250/2200	100	24	5	67	39	24	7.5	M8	10	0.8
TMKS-4501-A	1450/3300	120	26	5	82	49	26	11.5	M10	15	1.49

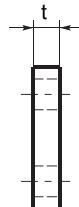
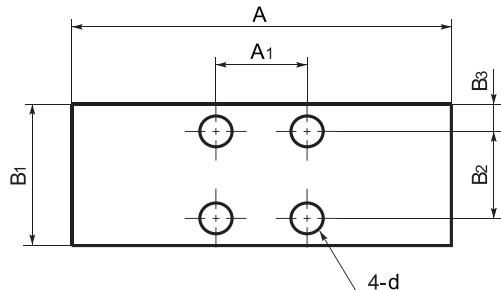
Note: The retention force of the pressurized connection is the value at a pressure of 0.6 MPa.

Model designation

TMKS-3501-A

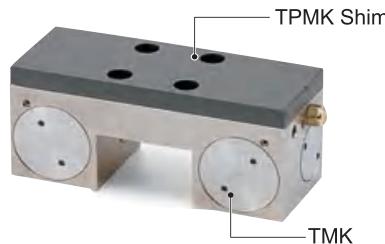
Model

● Size



Material Surface Treatment

TPMK	
Subject	Equivalent to S45C, black oxide coating treatment



- Auxiliary shims used to align the height of the TMK/TMKS with the height of the linear guide carriage.
 - Depending on the combination of TMK/TMKS with the linear guide, auxiliary shims may sometimes be required.
- Please refer to the selection table..

Size, performance

unit:mm

Model	A	A1	B1	B2	B3	t	d	Quality (kg)
TPMK-15-4	55	15	39	15	15.5	4	4.5	0.065
TPMK-20-2	66	20	39	20	5	2	5.5	0.038
TPMK-20-4	66	20	39	20	5	4	5.5	0.077
TPMK-25-2	75	20	35	20	5	2	6.5	0.038
TPMK-25-4	75	20	35	20	5	4	6.5	0.078
TPMK-25-5	75	20	35	20	5	5	6.5	0.098
TPMK-25-6	75	20	35	20	5	6	6.5	0.116
TPMK-25-8	75	20	35	20	5	8	6.5	0.156
TPMK-25-9	75	20	35	20	5	9	6.5	0.176
TPMK-30-2	90	22	39	22	8.5	2	8.5	0.051
TPMK-30-3	90	22	39	22	8.5	3	8.5	0.076
TPMK-30-5	90	22	39	22	8.5	5	8.5	0.128
TPMK-35-3	100	24	39	24	7.5	3	8.5	0.085
TPMK-35-4	100	24	39	24	7.5	4	8.5	0.114
TPMK-35-7	100	24	39	24	7.5	7	8.5	0.2
TPMK-35-8	100	24	39	24	7.5	8	8.5	0.226
TPMK-35-10	100	24	39	24	7.5	10	8.5	0.281
TPMK-35-11	100	24	39	24	7.5	11	8.5	0.315
TPMK-35-15	100	24	39	24	7.5	15	8.5	0.43
TPMK-45-2	120	26	49	26	11.5	2	10.5	0.087
TPMK-45-4	120	26	49	26	11.5	4	10.5	0.15
TPMK-45-6	120	26	49	26	11.5	6	10.5	0.26
TPMK-45-8	120	26	49	26	11.5	8	10.5	0.344
TPMK-45-10	120	26	49	26	11.5	10	10.5	0.411
TPMK-45-12	120	26	49	26	11.5	12	10.5	0.51
TPMK-45-16	120	26	49	26	11.5	16	10.5	0.691
TPMK-45-18	120	26	49	26	11.5	18	10.5	0.777

Guide Rail Clamp

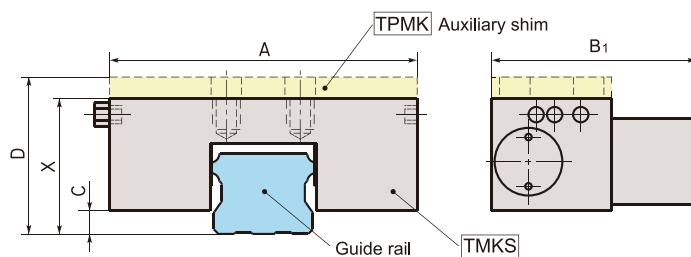
TMKS series

● Selection Table

• THK

unit: mm

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
SHS	15	C,LC	TMKS-1501-A	-	55	58	2.5	24	24
		V,LV		TPMK-15-4					28
		R							
	20	C,LC	TMKS-2001-A	-	66	61	4.5	30	30
		V,LV							
	25	C,LC	TMKS-2501-A	TPMK-25-2	75	56	6	34	36
		V,LV							40
		R,LR		TPMK-25-6					
	30	C,LC	TMKS-3001-A	-	90	68	7	42	42
		V,LV		45					
		R,LR		TPMK-30-3					
	35	C,LC	TMKS-3501-A	TPMK-35-4	100	67	7.5	44	48
		V,LV							55
		R,LR		TPMK-35-11					
	45	C,LC	TMKS-4501-A	TPMK-45-6	120		10.5	54	60
		V,LV							
		R,LR		TPMK-45-16					
HSR	15	A,B	TMKS-1501-A	-	66	61	4.5	30	30
		R		TPMK-15-4					30
	20	A,LA,B,LB	TMKS-2001-A	-	75	56	8	36	36
		CA,HA,CB,HB							40
		R,LR							
	25	A,LA,B,LB	TMKS-2501-A	TPMK-25-4	90	68	7	42	42
		CA,HA,CB,HB							45
		R,LR							
	30	A,LA,B,LB	TMKS-3001-A	-	100	67	8.5	45	48
		CA,HA,CB,HB							55
		R,LR							
	35	A,LA,B,LB	TMKS-3501-A	TPMK-35-3	120	82	16.5	60	60
		CA,HA							
		CB,HB		TPMK-35-10					
	45	R,LR	TMKS-4501-A	-	100	67	8.5	45	48
		A,LA,B,LB							55
		CA,HA,CB,HB							
		R,LR		TPMK-45-10					

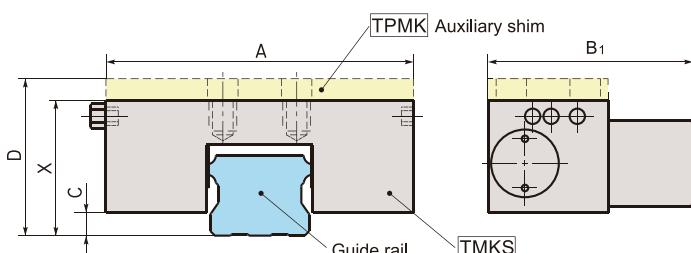


Guide Rail Clamp

TMKS series

unit: mm

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
SSR	15	XBY XWY,XVY	TMKS-1501-A	-	55	58	2.5	24	24	
		XTB XW,XV			66	61		28	28	
	25	XBY XWY,XVY	TMKS-2501-A		75	56	5	33	33	
		XW			90	68	7	42	42	
	35		TMKS-3501-A	TPMK-35-3	100	67	11.5	48	48	
SR	15	TB,SB W,V	TMKS-1501-A	-	55	58	2.5	24	24	
		TB,SB W,V			66	61		28	28	
	25	TB,SB W,V	TMKS-2501-A		75	56	5	33	33	
		TB,SB W,V			90	68	7	42	42	
	35	TB,SB W,V	TMKS-3501-A	TPMK-35-3	100	67	11.5	48	48	
	45	TB W	TMKS-4501-A	120	82	16.5	60	60		
SVR	30	C,LC,LR,R	TMKS-3001-A	-	90	68	3	38	38	
	35	CH,LCH	TMKS-3501-A		TPMK-35-3	100	67	4.5	44	
		LRH,RH			TPMK-35-7				48	
	45	C,LC,LR,R	TMKS-4501-A	-	TPMK-35-14	120	82	8.5	55	
		CH,LCH			TPMK-45-8				52	
		LRH,RH			TPMK-45-18				60	
									70	



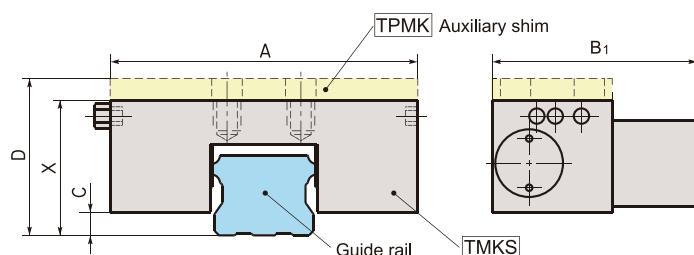
Guide Rail Clamp

TMKS series

● Selection Table

•THK

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
SVS	30	C,LC,LR,R	TMKS-3001-A	TPMK	90	68	3	38	38	
					35-3				44	
	35	CH,LCH	TMKS-3501-A		100	67	4.5	41	48	
		LRH,RH			35-7				55	
	45	C,LC,LR,R	TMKS-4501-A		120				52	
		CH,LCH			TPMK-45-8		8.5	52	60	
		LRH,RH			TPMK-45-18				70	
	55	C,LC,LR,R	TMKS-5501-A		82				63	
		CH,LCH			TPMK-55-7	14.5	63	70		
		LRH,RH			TPMK-55-17				80	
NR/NRS	30	A,LA,B,LB R,LR	TMKS-3001-A	-	90	68	3	38	38	
					100	67	7.5	44	44	
	35	A,LA,B,LB R,LR	TMKS-3501-A		120	82	8.5	52	52	
					TPMK-35-11				55	
	45	C,LC R,LR CH,LCH RH,LRH	TMKS-4501-A		90	68	3	38	38	
					100	67	7.5	44	44	
SNR/SNS	30	C,LC R,LR CH,LCH RH,LRH	TMKS-3001-A	-	120		8.5	52	52	
					TPMK-45-8				60	
					TPMK-45-18				70	



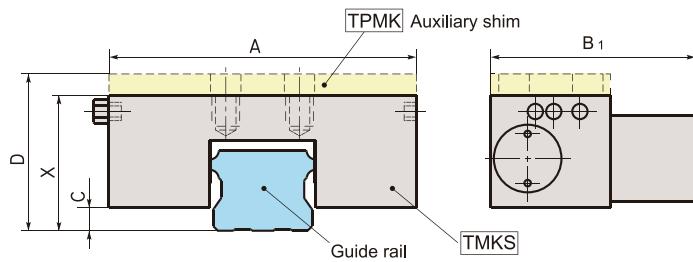
Guide Rail Clamp

TMKS series

● Selection Table

• IKO

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
ME	15	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMKS-1501-A		55	58	2.5	24	24	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			66	61		28	28	
	20	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMKS-2001-A		75	56	5	33	33	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			90	68	7	42	45	
	25	MEC,ME,MEG,METC,MET,METG MESC,MES,MESG	TMKS-2501-A		100	67	11.5	48	48	
		MEC,ME,MEG,METC,MET,METG MESC,MES,MESG			120	82	16.5	60	60	
LWE	15	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-1501-A		55	58	2.5	24	24	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			66	61		28	28	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			75	56	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	68	7	42	42	
	20	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-2001-A		100	67	11.5	48	48	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			120	82	16.5	60	60	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			55	58	2.5	24	24	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			66	61		28	28	
	25	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-2501-A		75	56	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	68	7	42	42	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			100	67	11.5	48	48	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			120	82	16.5	60	60	
	30	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-3001-A		55	58	2.5	24	24	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			66	61		28	28	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			75	56	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	68	7	42	42	
	35	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-3501-A		100	67	11.5	48	48	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			120	82	16.5	60	60	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			55	58	2.5	24	24	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			66	61		28	28	
	45	LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG	TMKS-4501-A		75	56	5	33	33	
		LWE..Q,LWET..Q LWEC,LWE,LWEG,LWETC,LWET,LWETG LWES..Q LWESC,LWES,LWESG			90	68	7	42	42	



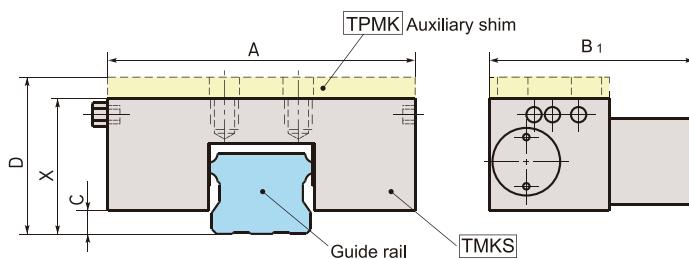
Guide Rail Clamp

TMKS series

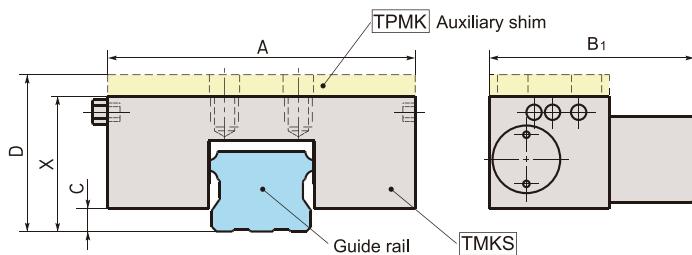
● Selection Table

• IKO

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B1	C	X	D
MH	15	MH,MHT	TMKS-1501-A	-	55	58	2.5	2	24
		MHS		TPMK-15-4					28
		MHD							
	20	MH,MHG,MHT,MHTG	TMKS-2001-A	-	6	61	4.5	30	30
		MHS,MHSG							
		MH,MHG,MHT,MHTG	TMKS-2501-A	-	75	56	8	36	36
		MHS,MHSG							
	25	MHD,MHDG		TPMK-25-4					40
		MH,MHG,MHT,MHTG	TMKS-3001-A	-	90	68	7	42	42
		MHS,MHSG		TPMK-30-3					45
LWH	30	MHD,MHDG	TMKS-3501-A	-	100	67	11.5	48	48
		MH,MHG,MHT,MHTG		TPMK-35-7					
		MHD,MHDG							
	35	LWHD,LWHG,LWHT,LWHTG	TMKS-4501-A	TPMK-45-2	120	82	14.5	58	60
		LWHD,LWHG,LWHT,LWHTG		TPMK-45-12					70
		LWHD,LWHG,LWHT,LWHTG							
	45	LWHD,LWHG,LWHT,LWHTG	TMKS-4501-A	TPMK-45-2	120	82	14.5	58	60
		LWHD,LWHG,LWHT,LWHTG		TPMK-45-12					70
		LWHD,LWHG,LWHT,LWHTG							
LWH	15	LWHD,LWHG,LWHT,LWHTG	TMKS-1501-A	-	55	58	2.5	24	24
		LWHD,LWHG,LWHT,LWHTG		TPMK-15-4					28
		LWHD,LWHG,LWHT,LWHTG							
	20	LWHD,LWHG,LWHT,LWHTG	TMKS-2001-A	-	66	61	4.5	30	30
		LWHD,LWHG,LWHT,LWHTG							
		LWHD,LWHG,LWHT,LWHTG							
	25	LWHD,LWHG,LWHT,LWHTG	TMKS-2501-A	-	75	56	8	36	36
		LWHD,LWHG,LWHT,LWHTG		TPMK-25-4					40
		LWHD,LWHG,LWHT,LWHTG							
LWH	30	LWHD,LWHG,LWHT,LWHTG	TMKS-3001-A	-	90	68	7	42	42
		LWHD,LWHG,LWHT,LWHTG		TPMK-30-3					45
		LWHD,LWHG,LWHT,LWHTG							
	35	LWHD,LWHG,LWHT,LWHTG	TMKS-3501-A	-	100	67	11.5	48	48
		LWHD,LWHG,LWHT,LWHTG		TPMK-35-7					55
		LWHD,LWHG,LWHT,LWHTG							
	45	LWHD,LWHG,LWHT,LWHTG	TMKS-4501-A	TPMK-45-2	120	82	14.5	58	60
		LWHD,LWHG,LWHT,LWHTG		TPMK-45-12					70
		LWHD,LWHG,LWHT,LWHTG							



Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
MX	25	MXC,MX,MXG,MXL	TMKS-2501-A	TPMK-35-7	75	56	8	36	36	
		MXDC,MXD,MXDG,MXDL			90	68	7	42	45	
		MXSC,MXS,MXSG,MXSL			100	67	11.5	48	48	
	30	MXC,MX,MXG,MXL	TMKS-3001-A		120	82	16.5	60	60	
		MXDC,MXD,MXDG,MXDL			-	-	-	-	70	
	35	MXC,MX,MXG,MXL	TMKS-3501-A		90	68	7	42	42	
LRX	45	MXDC,MXD,MXDG,MXDL			100	67	11.5	48	48	
		LRXC,LRX,LRXG	TMKS-3001-A		-	-	10	45	45	
		LRXSC,LRXS,LRXSG			120	82	16.5	60	60	
	30	LRXDC,LRXD,LRXDG			-	-	-	-	70	
		LRXC,LRX,LRXG	TMKS-3501-A		100	67	11.5	48	48	
		LRXDC,LRXD,LRXDG			-	-	-	-	55	
	35	LRXC,LRX,LRXG	TMKS-4501-A		120	82	16.5	60	60	
		LRXDC,LRXD,LRXDG			-	-	-	-	70	
	45	LRXC,LRX,LRXG	TPMK-45-10		120	82	16.5	60	60	
		LRXDC,LRXD,LRXDG			-	-	-	-	70	



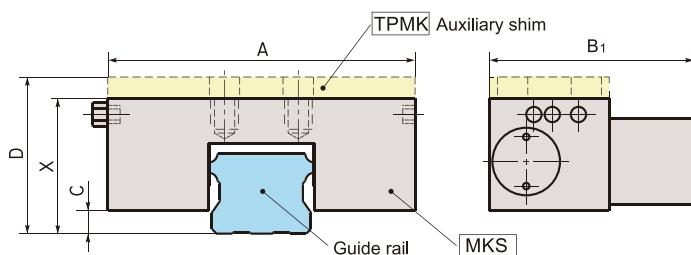
Guide Rail Clamp

TMKS series

● Selection Table

•NSK

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
NH	15	EM,GM	TMKS-1501-A	-	55	58	2.5	24	24
		AN,BN		TPMK-15-4					28
	20	EM,GM	TMKS-2001-A	-	66	61	4.5	30	30
		AL,BL		-					36
	25	EM,GM	TMKS-2501-A	-			8	36	40
		AN,BN		TPMK-25-4					36
	30	AL,BL	TMKS-3001-A	-	90	68	7	42	42
		EM,GM		TPMK-30-3					45
	35	AN,BN	TMKS-3501-A	-	100	67	11.5	48	48
		AL,BL		-					55
		EM,GM		TPMK-35-7					55
	45	AN,BN	TMKS-4501-A	-	120	82	16.5	60	60
		EM,GM		TPMK-45-10					70
NS	15	CL,AL	TMKS-1501-A	-	55	58	2.5	24	24
		JM,EM		-					24
	20	CL,AL	TMKS-2001-A	-	66	61	4.5	28	28
		JM,EM		-					28
	25	CL,AL	TMKS-2501-A	-	75	56	5	33	33
		JM,EM		-					33
		CL,AL	TMKS-3001-A	-			7	42	42
LH	30	CL,AL	TMKS-3501-A	TPMK-35-4	100	67	7.5	44	48
		EM,GM,EL,GL,FL,HL	TMKS-1501-A	-					24
		AN,BN		TPMK-15-4					28
	20	EM,GM,EL,GL,FL,HL	TMKS-2001-A	-	66	61	4.5	30	30
		AL,BL	TMKS-2501-A	-			8	36	36
		EM,GM,EL,GL,FL,HL		-					40
	25	AN,BN		TPMK-25-4					40
	30	AL,BL	TMKS-3001-A	-	90	68	7	42	42
		EM,GM,EL,GL,FL,HL		-					42
		AN,BN		TPMK-30-3			10	45	45
35	35	AL,BL	TMKS-3501-A	-	100	67	11.5	48	48
		EM,GM,EL,GL,FL,HL		-					55
		AN,BN		TPMK-35-7					55
	45	EM,GM,EL,GL,FL,HL	TMKS-4501-A	-	120	82	16.5	60	60
		AN,BN		TPMK-45-10					70

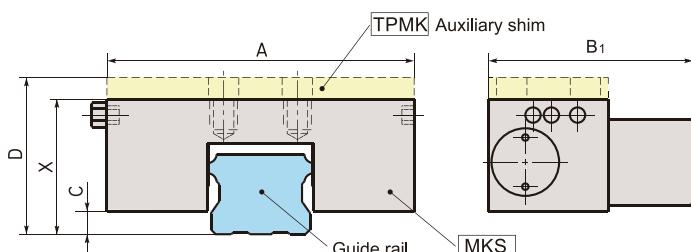


Guide Rail Clamp

TMKS series

Guide rail
accessories

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
SH	15	EM,GM	TMKS-1501-A	-	55	58	2.5	24	24
		AN,BN		TPMK-15-4					28
	20	EM,GM	TMKS-2001-A	-	66	61	4.5	30	30
		AL,BL		-	75	56	8	36	36
	25	EM,GM	TMKS-2501-A	-	75	56	8	36	36
		AN,BN		TPMK-25-4					40
		AL,BL		-	90	68	7	42	42
	30	EM,GM	TMKS-3001-A	-			10	45	45
		AN,BN		-	100	67	11.5	48	48
		AL,BL		TPMK-35-7					55
LS	15	CL,AL	TMKS-1501-A	-	55	58	2.5	24	24
		KL,JM,EM		-	66	61		28	28
	20	CL,AL	TMKS-2001-A	-	75	56	5	33	33
		KL,JM,EM		-					
	25	CL,AL	TMKS-2501-A	-	90	6	7	42	242
		KL,JM,EM		-					
		CL,AL		TPMK-35-4	100	67	7.5	44	48
	30	KL,FL,EL	TMKS-3001-A	-					
		CL,AL		-	100	67	7.5	44	48
		KL,FL,EL		-					
SS	15	CL,AL	TMKS-1501-A	-	55	58	2.5	24	24
		KL,EM		-	66	61		28	28
	20	CL,AL	TMKS-2001-A	-	75	56	5	33	33
		KL,EM		-					
	25	CL,AL	TMKS-2501-A	-	90	68	7	42	42
		KL,EM		-					
		CL,AL		TPMK-35-4	100	67	7.5	44	48
	30	KL,EM		-					
		CL,AL		-	100	67	7.5	44	48
		KL,EM		-					



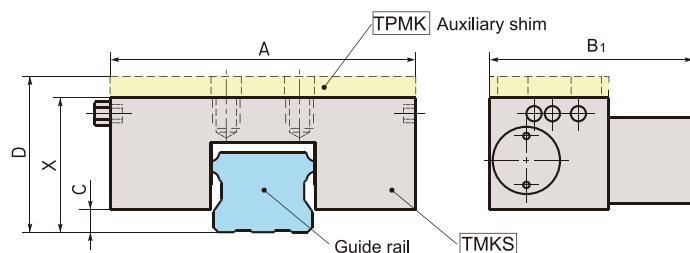
Guide Rail Clamp

TMKS series

● Selection Table

• NSK

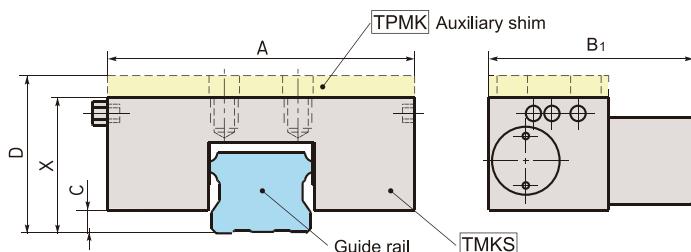
Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions				
					A	B ₁	C	X	D
LA	25	EL,FL,GL,HL	TMKS-2501-A	-	75	56	8	36	36
		AN,BN		TPMK-25-4					40
	30	EL,FL,GL,HL	TMKS-3001-A		90	68	7	42	42
		AN,BN					10	45	45
	35	AL,BL	TMKS-3501-A		100	67	11.5	48	48
		EL,FL,GL,HL							55
		AN,BN		TPMK-35-7					
	45	AL,BL	TMKS-4501-A	-	120	82	16.5	60	60
		EL,FL,GL,HL							70
		AN,BN		TPMK-45-10					
LY	15	AL	TMKS-1501-A	-	55	58	2.5	24	24
		EL,FL							28
		AN		TPMK-15-4					
	20	AL,BL	TMKS-2001-A		66	61	4.5	30	30
		EL,FL,GL,HL							
	25	AL,BL	TMKS-2501-A		75	56	8	36	36
		EL,FL,GL,HL							40
		AN,BN		TPMK-25-4					
	30	AL,BL	TMKS-3001-A		90	68	7	42	42
		EL,FL,GL,HL					10	45	45
		AN,BN							
	35	AL,BL	TMKS-3501-A		100	67	11.5	48	48
		EL,FL,GL,HL							55
		AN,BN		TPMK-35-7					
	45	AL,BL	TMKS-4501-A	-	120	82	16.5	60	60
		EL,FL,GL,HL							70
		AN,BN		TPMK-45-10					



● Selection Table

• NB

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimensions					
					A	B ₁	C	X	D	
SGL	15	E,E..D,TE,TE..D	TMKS-1501-A	-	55	58	2.5	24	24	
		F,F..D,TF,TF..D		-					28	
		HTE,HYE,HTEX		TPMK-15-4				28		
		HTF,HYF		-						
	20	E,TE	TMKS-2001-A	-	66	61		30	30	
		F,TF		-						
		HTE,HYE,HTEX		TPMK-20-2				33	33	
		HTF,HYF		-						
	25	E,TE	TMKS-2501-A	-	75	56	5	33	33	
		F,TF		-						
		HTE,HYE,HTEX		TPHK-25-3				36	36	
		HTF,HYF		TPHK-25-7						
	30	E,TE,HTE,HYE,HTEX	TMKS-3001-A	TPMK-30-2	90	68	40	42	42	
		F,TF		TPMK-30-5						
		HTF,HYF		-				45	45	
		E,TE,HTE,HTEX		TPMK-35-4	100	67		44	48	
	35	F,TF		TPMK-35-11						
		HTF,HYF		-						
	45	HTE,HYE,HTEX	TMKS-4501-A	TPMK-45-4	120	82	10	56	60	
		HTF,HYF		TPMK-45-14					70	



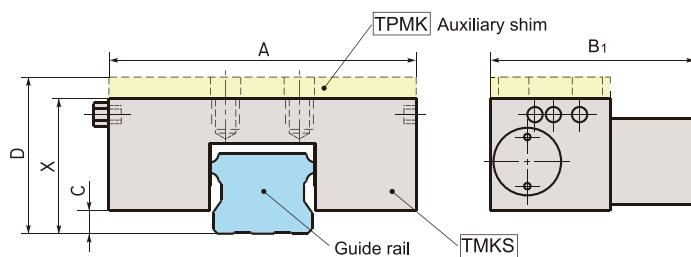
Guide Rail Clamp

TMKS series

● Selection Table

• MISUMI

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension				
					A	B ₁	C	X	D
Standard linear guide rail	15	SVR24, SVRL24, SVRJ24, SVRLJ24, SSVR24, SSVRL24	TMKS-1501-A		55	58	24	24	2.5
		SVRD24, SVRK24, SVRDL24, SVRKL24							
		SVRN24, SVRNL24, SSVRN24, SSVRNL24							
		SVRZ24, SVRLZ24, SSVRZ24, SSVRLZ24							
		SVW24, SVWL24, SVWT24, SVWTL24, SSVW24, SSVWL24							
		SVWD24, SVWK24, SVWDL24, SVWKL24							
		SVWZ24, SVWLZ24, SVWTZ24, SVWTLZ24							
		SXR24, SXRL24, SXRJ24, SXRLJ24, SSXR24, SSXRL24							
		SXRD24, SXRK24, SXRDL24, SXRKL24							
		SXRN24, SXRNL24, SSXRN24, SSXRNL24							
		SXRZ24, SSXRZ24, SSXRLZ24							
		SXW24, SXWL24, SXWT24, SXWTL24, SSXW24, SSXWL24							
		SXWD24, SXWK24, SXWDL24, SXWKL24							
		SXWZ24, SXWLZ24, SXWTZ24, SXWTLZ24							
Standard linear guide rail	20	SVR28, SVRL28, SVRJ28, SVRLJ28, SSVR28, SSVRL28	TMKS-2001-A		66	61	28	28	2.5
		SVRD28, SVRK28, SVRDL28, SVRKL28							
		SVRN28, SVRNL28, SSVRN28, SSVRNL28							
		SVRZ28, SVRLZ28, SSVRZ28, SSVRLZ28							
		SVW28, SVWL28, SVWT28, SVWTL28, SSVW28, SSVWL28							
		SVWD28, SVWK28, SVWDL28, SVWKL28							
		SVWZ28, SVWLZ28, SVWTZ28, SVWTLZ28							
		SXR28, SXRL28, SXRJ28, SXRLJ28, SSXR28, SSXRL28							
		SXRD28, SXRK28, SXRDL28, SXRKL28							
		SXRN28, SXRNL28, SSXRN28, SSXRNL28							
		SXRZ28, SSXRZ28, SSXRLZ28							
		SXW28, SXWL28, SXWT28, SXWTL28, SSXW28, SSXWL28							
		SXWD28, SXWK28, SXWDL28, SXWKL28							
		SXWZ28, SXWLZ28, SXWTZ28, SXWTLZ28							
		SERZ30, SERLZ30							
		SEWZ30, SEWLZ30, SEWTZ30, SEWTLZ30							
		SHRZ30, SHRLZ30, SSHRZ30, SSHRLZ30							
		SHWZ30, SHWLZ30, SHWTZ30, SHWTLZ30							



Guide Rail Clamp

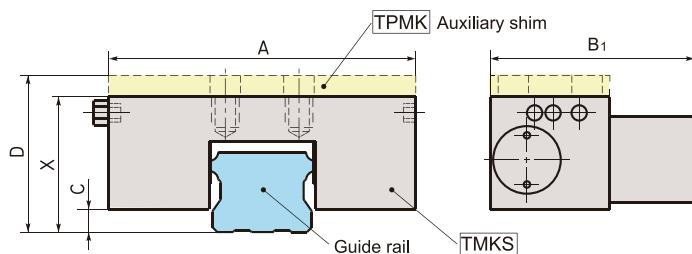
TMKS series

● Selection Table

• MISUMI

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension				
					A	B ₁	C	X	D
标准线性导轨	25	SHRZ36,SHRLZ36	TMKS-2501-A	TPMK-25-4			8		
		SVR33,SVRL33,SVRJ33,SVRLJ33,SSVR33,SSVRL33							
		SVRD33,SVRK33,SVRDL33,SVRKL33							
		SVRN33,SVRNL33,SSVRN33,SSVRNL33							
		SVRZ33,SVRLZ33,SSVRZ33,SSVRLZ33							
		SVW33,SVWL33,SVWT33,SVWTL33,SSVW33,SSVWL33							
		SVWD33,SVWK33,SVWDL33,SVWKL33							
		SVWZ33,SVWLZ33,SVWTZ33,SVWTLZ33					5	33	33
		SXR33,SXRL33,SXRJ33,SXRLJ33,SSXR33,SSXRL33							
		SXRD33,SXRK33,SXRDL33,SXRKL33			75	56			
		SXRN33,SXRNL33,SSXRN33,SSXRNL33							
		SXRZ33,SSXRZ33,SSXRLZ33							
		SXW33,SXWL33,SXWT33,SXWTL33,SSXW33,SSXWL33							
		SXWD33,SXWK33,SXWDL33,SXWKL33							
		SXWZ33,SXWLZ33,SXWTZ33,SXWTLZ33							
		SERZ36,SERLZ36							
		SEWZ36,SEWLZ36,SEWTZ36,SEWTLZ36					8	36	36
		SHWZ36,SHWLZ36,SHWTZ36,SHWTLZ36							
		SSHZR40,SSHRLZ40							40
30	30	SERZ42,SERLZ42	TMKS-3001-A	TPMK-25-4					
		SEWZ42,SEWLZ42,SEWTZ42,SEWTLZ42							
		SHRZ42,SHRLZ42							
		SHWZ42,SHWLZ42,SHWTZ42,SHWTLZ42					90	68	42
		SVRZ42,SVRLZ42							
		SVWZ42,SVWLZ42,SVWTZ42,SVWTLZ42							
		SXRZ42,SXRLZ42							
		SXWZ42,SXWLZ42,SXWTZ42,SXWTLZ42							

Guide rail
accessories



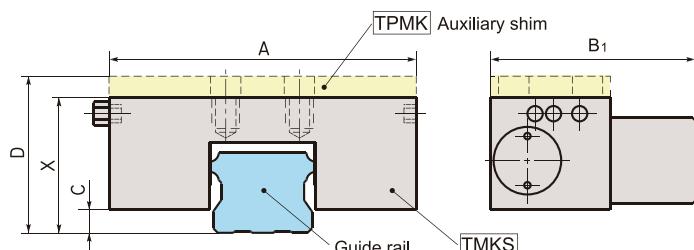
Guide Rail Clamp

TMKS series

● Selection Table

• HIWIN

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension				
					A	B ₁	C	X	D
EG	15	EGH..SA,EGH..CA	TMKS-1501-A	-	55	58	2.5	24	24
		EGW..SC,EGW..CC			66	61		28	28
	20	EGH..SA,EGH..CA	TMKS-2001-A	TPMK-25-2	75	56	3	31	33
		EGW..SC,EGW..CC			90	68	5	40	42
	25	EGH..SA,EGH..CA	TMKS-2501-A	TPMK-30-2	55	58	2.5	24	24
		EGW..SC,EGW..CC			66	61	4.5	30	30
	30	EGH..SA,EGH..CA	TMKS-3001-A	TPMK-30-2	75	56	8	36	36
		EGW..SC,EGW..CC			90	68	7	42	42
HG	15	HGH..CA,HGW..CB,HGW..CC	TMKS-1501-A	TPMK-15-4	55	58	2.5	24	24
		HGH..CA			66	61	4.5	30	30
	20	HGH..CA,HGH..HA	TMKS-2001-A	TPMK-25-4	75	56	8	36	36
		HGW..CA,HGW..HA,HGW..CB,HGW..HB			90	68	7	42	42
	25	HGW..CC,HGW..HC	TMKS-2501-A	TPMK-30-3	100	67	11.5	48	48
		HGH..CA,HGH..HA			120	82	14.5	58	58
	30	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMKS-3001-A	TPMK-35-7	120	82	14.5	58	55
		HGH..CA,HGH..HA			120	82	14.5	58	60
	35	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMKS-3501-A	TPMK-45-2	120	82	14.5	58	60
		HGH..CA,HGH..HA			120	82	14.5	58	70
	45	HGW..CA,HGW..HA,HGW..CB,HGW..HB,HGW..CC,HGW..HC	TMKS-4501-A	TPMK-45-12	120	82	14.5	58	70
		HGH..CA,HGH..HA			120	82	14.5	58	70



Guide Rail Clamp

TMKS series

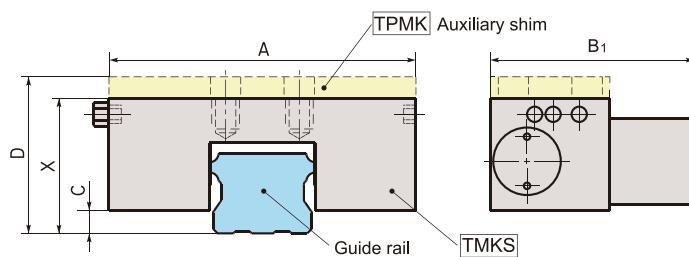
● Selection Table

• HIWIN

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension					unit: mm	
					A	B ₁	C	X	D		
LG	15	LGW..CC	TMKS-1501-A	-	55	58	2.5	24	24		
		LGH..CA		TPMK-15-4					28		
	20	LGW..CC,LGW..HC	TMKS-2001-A	-	66	61	4.5	30	30		
				TPMK-25-4	75	56	8	36	36		
	25	LGH..CA,LGH..HA	TMKS-2501-A						40		
		LGW..CC,LGW..HC	TPMK-30-3	90	68	7	42	42			
	30	LGH..CA,LGH..HC		TMKS-3001-A						45	
		LGW..CC,LGW..HC	TPMK-35-4	100	67	7.5	44	48			
	35	LGH..CA,LGH..HC		TMKS-3501-A		TPMK-35-11				55	
		LGW..CC,LGW..HC								60	
	45	LGH..CA	TMKS-4501-A	TPMK-45-8	120	82	8.5	52	70		
		LGW..CC,LGW..HC		TPMK-45-18					70		

Guide rail accessories

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension					unit: mm						
					A	B ₁	C	X	D							
KUE	15	KWE	TMKS-1501-A	-	55	58	2.5	24	24							
		KWE..H		TPMK-15-4						28						
	20	KWE	TMKS-2001-A	-	66	61	4.5	30	30							
		KWE..H		TPMK-25-4	75	56	4	32	36							
	25	KWE	TMKS-2501-A							40						
		KWE..H	TPMK-25-8	40												
	30	KWE	TMKS-3001-A	TPMK-30-2	90	68	5	40	42							
		KWE..H		TPMK-30-5						45						
	35	KWE	TMKS-3501-A	TPMK-35-8	100	67	3.5	40	48							
		KWE..H		TPMK-35-15						55						
KUSE	20	KWSE,KWSE..L	TMKS-2001-A	-	66	61	4.5	30	30							
		KWSE..H,KWSE..HL		TPMK-25-4	75	56	8	36	36							
	25	KWSE,KWSE..L	TMKS-2501-A							40						
		KWSE..H,KWSE..HL	TPMK-30-3	90	68	7	42	42								
	30	KWSE,KWSE..L							TMKS-3001-A							45
		KWSE..H,KWSE..HL	TPMK-35-7						48							
	35	KWSE,KWSE..L							TMKS-3501-A							55
		KWSE..H,KWSE..HL	TPMK-45-10	100	67	11.5	48	60								
	45	KWSE,KWSE..L							TMKS-4501-A							70
		KWSE..H,KWSE..HL														



Guide Rail Clamp

TMKS series

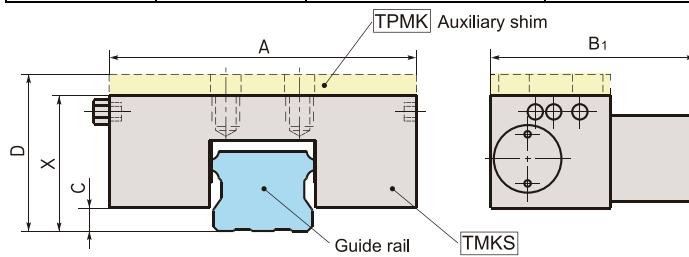
Selection Table

• PMI

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension				
					A	B ₁	C	X	D
MSA	20	A,LA,E,LE	TMKS-2001-A	-	66	39	4.5	30	30
		S,LS			75	35	8	36	36
	25	A,LA,E,LE	TMKS-2501-A	TPMK-25-4	75	35	8	36	40
		S,LS			90	39	7	42	42
	30	A,LA,E,LE	TMKS-3001-A	-	90	39	7	42	45
		S,LS			100		8.5	45	48
	35	S,LS,A,LA,E,LE	TMKS-3501-A	TPMK-35-3	100		8.5	45	48
		A,LA,E,LE			120	49	16.5	60	60
	45	S,LS	TMKS-4501-A	TPMK-45-10	120		16.5	60	70
		TE,E			55		24	24	
MSB	15	TS,S	TMKS-1501-A	-	55	39	2.5		
		TE,E			66		28	28	
	20	TS,S	TMKS-2001-A	-	75	35		33	33
		TE,E			90	39	5	40	42
	25	TS,S	TMKS-2501-A	TPMK-30-2	100		7.5	44	48
		TS,S							
	35LS,S		TMKS-3501-A	TPMK-35-4					

unit: mm

Types of Guide Rails	Guide rail size	Slider	Model	Auxiliary Gasket Model	Installation dimension								
					A	B ₁	C	X	D				
SME	15	EA,LEA	TMKS-1501-A	-	55	39	2.5	24	24				
		EB,LEB											
		SB,LSB		TPMK-15-4									
		SA,SEA											
	20	EB,LEB	TMKS-2001-A	-	66		28	28	28				
		SB,LSB											
		SA,SEA		TPMK-20-2					30				
		EB,LEB											
	25	SB,LSB	TMKS-2501-A	TPMK-25-2	75	35	3	31	33				
		EA,LEA											
		SV,LSV		TPMK-25-5					36				
		SA,LSA							40				
	30	EA,LEA	TMKS-3001-A	-	90	39	7	42	42				
		SB,LSB											
		SA,SEA		TPMK-30-3					45				
	35	EA,LEA	TMKS-3501-A	TPMK-35-6	100	39	5.5	42	48				
		SB,LSB											
		SA,SEA		TPMK-35-13					55				
	45	EA,LEA	TMKS-4501-A	TPMK-45-6	120	49	10.5	54	60				
		SB,LSB											
		SA,SEA		TPMK-45-16					70				

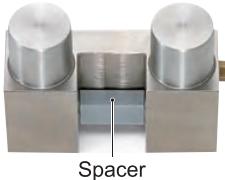


● Installation Steps

- Install the guide rail clamp on the linear guide while the clamping is released, and ensure that the contact surface of the guide rail clamp can move without touching the linear guide. For pneumatic connections, please refer to the product manual.
- Preload the guide rail clamp on the used slide table.
- Clamp the guide rail.
- With the guide rail clamped, use a torque screwdriver or torque wrench to tighten the mounting bolts according to the specified tightening torque. Refer to each product's introduction page for the tightening torque.
- Confirm again that the guide rail clamp is not in contact with the protective cover, base, or other parts.

⚠ For normally open products, do not perform clamping when the guide rail or shaft is not inserted. Clamping in the absence of an inserted guide rail or shaft will cause the guide rail clamp not to operate.

⚠ Normally closed products have spacers inserted between the contact surfaces when leaving the factory. Do not remove the spacers except during installation. If left for a long time without the spacers, it may cause the guide rail clamp to fail to operate.



- When using multiple rails, it is recommended to install rail clamps on all rails to avoid uneven loading.



- Sometimes the size of the guide rail clamp may be larger than that of the slider. When designing, please pay attention to the width and height to avoid contact with the cover, base, etc.

⚠ The guide rail clamp does not have a guiding function. To maintain the clearance between the guide rail clamp and the guide rail shaft, please use the linear guide carriage and linear bearing together.

● Pneumatic Piping

- Please install an air filter with a filtration rating of 25μm or less.
- Please install a fuel supply device such as a fuel injector.
- For pipe fittings, please use the external thread specifications listed in the table below.

Pneumatic connection	Pipe fitting
M3	M3
M5	M5
G1/8	R1/8

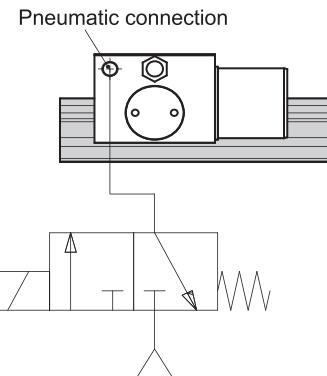
- The table below recommends the outer diameter specifications for hoses. The smaller the hose's outer diameter, the longer the reaction time.

Nominal size of the guide rail	Outer diameter
#20 or more	φ 4mm or more
Over #20	φ 6mm or more

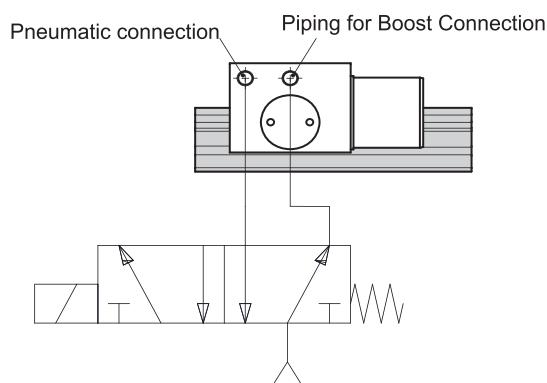
- Please try to shorten the length of the piping. The longer the piping, the longer the reaction time.
- The air pressure connection (air supply) can be swapped between left and right. Please change the connection position according to the operating conditions.



- Common Piping Method
Please use a switching valve with three or more ports.



- Piping method when using 'boost connection'
Please use a switching valve with 5 or more ports. Remove the air filter and connect the piping for the boost connection.

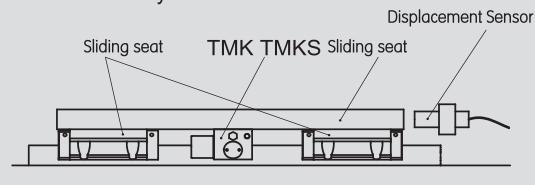


⚠ When using 'boosted connection,' air supply must be provided at all times. If the air supply stops, it will be maintained by spring force alone, just like during normal use.

● TMK TMKS Clamping Movement Test

Test Method

Measure the movement of the TMK TMKS slide when clamped. Measurements are carried out without any external force applied. Each product is measured 10 times individually.



● Slider Weight

unit: kg

#15use	2.5
#20use	3.2
#25use	3.6
#30use	5.3
#35use	6.2

The TMK and TMKS have a structural relationship and will move slightly when clamped. However, the amount of movement is minimal.

TMK Normally Open Pneumatic

unit: mm

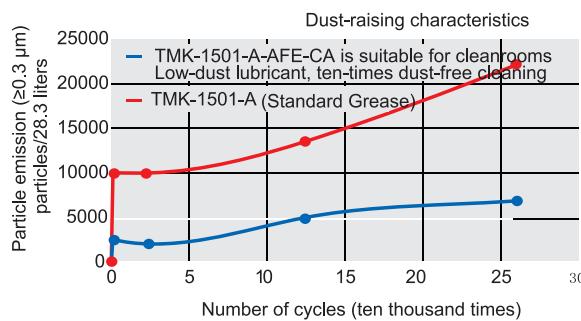
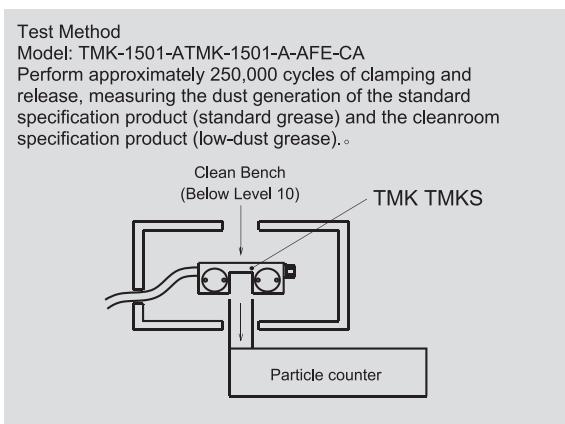
Serial Number	TMK-1501-A	TMK-2001-A	TMK-2501-A	TMK-3001-A	TMK-3501A
1	0.010	0.006	0.008	0.005	0.007
2	0.010	0.006	0.007	0.005	0.006
3	0.009	0.006	0.009	0.005	0.008
4	0.010	0.005	0.008	0.004	0.007
5	0.009	0.006	0.009	0.005	0.008
6	0.009	0.006	0.009	0.005	0.008
7	0.010	0.005	0.008	0.004	0.007
8	0.009	0.006	0.009	0.005	0.008
9	0.009	0.005	0.009	0.004	0.008
10	0.009	0.005	0.008	0.004	0.007
Average	0.009	0.006	0.008	0.005	0.007

TMKS Normally Open Pneumatic Type

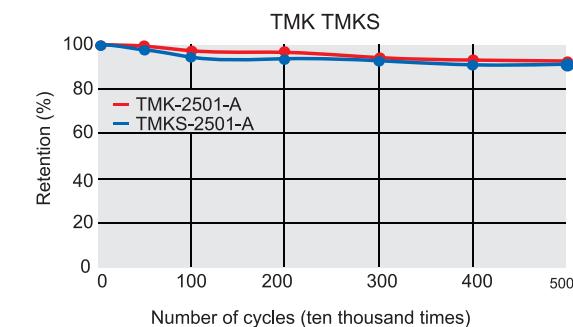
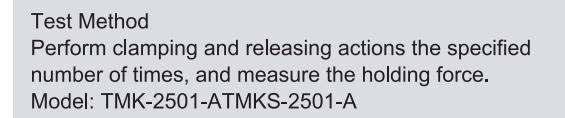
unit: mm

Serial Number	TMKS-1501-A	TMKS-2001-A	TMKS-2501-A	TMKS-3001-A	TMKS-3501-A
1	0.005	0.003	0.002	0.002	0.001
2	0.004	0.003	0.002	0.001	0.001
3	0.004	0.003	0.001	0.001	0.002
4	0.004	0.003	0.001	0.002	0.001
5	0.004	0.003	0.002	0.002	0.001
6	0.003	0.003	0.001	0.002	0.001
7	0.003	0.003	0.001	0.001	0.001
8	0.003	0.003	0.001	0.001	0.002
9	0.003	0.003	0.001	0.002	0.001
10	0.004	0.003	0.001	0.001	0.001
Average	0.004	0.003	0.001	0.002	0.001

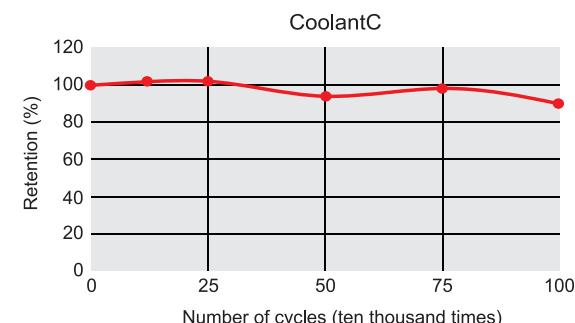
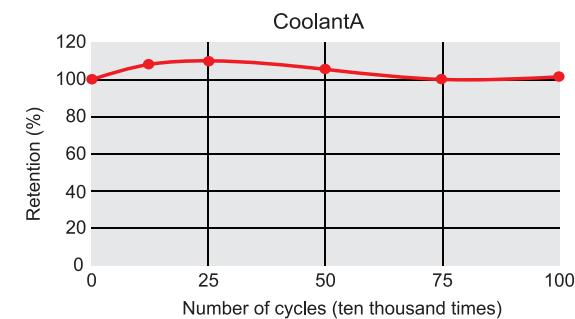
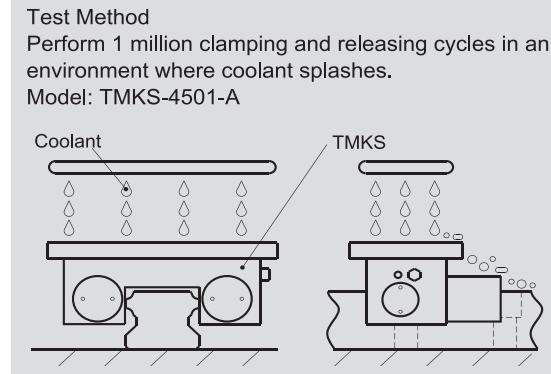
● TMK Dust Emission Test



● Number of cycles (ten thousand times)

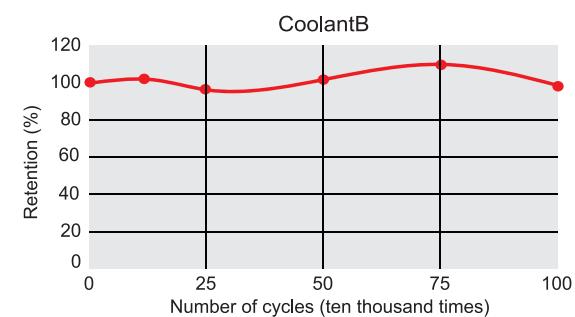


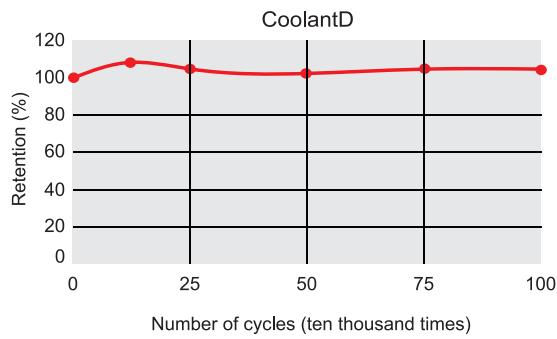
● Coolant Durability Test



Value when the initial holding force is 100%.
The change in holding force is small, and durability is excellent.

Value when the initial holding force is 100%; after 1 million cycles, the change in holding force is small, and durability is excellent. For detailed information about coolants and other matters, please contact the customer center.

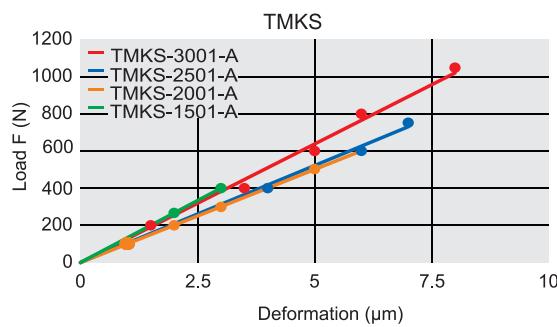
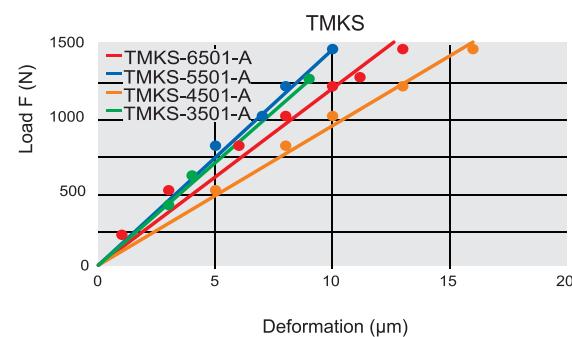
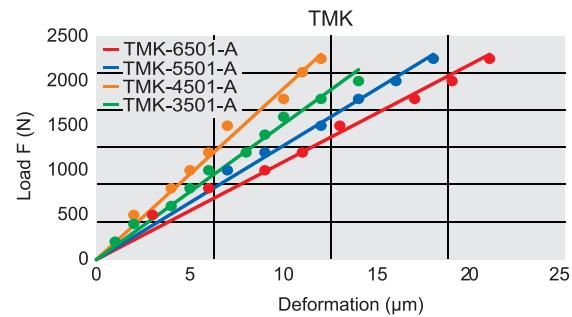
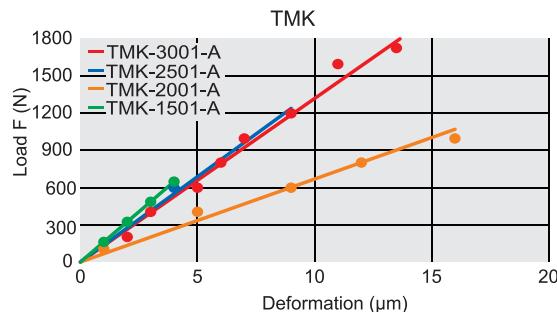
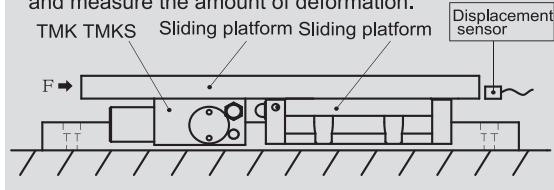




● Rigid test

Test Method

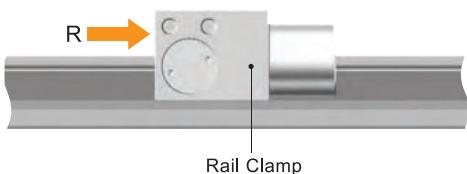
Measure the rigidity when the holding force is below that of the TMKT MKS.
Apply a load to the slide in the clamped guide rail state and measure the amount of deformation.



● Endurance

Axial load of the guide rail that can maintain its position (R direction in the figure below).

The holding force varies depending on the coefficient of static friction between the guide rail and the contact surface. The holding force listed in this product catalog is calculated based on a static friction coefficient of 0.1.



(Normally Open)

Model: TMK

Value when the pressure is 0.6 MPa. The holding force varies in proportion to the pressure. For example, when using a pressure of 0.5 MPa, the holding force is 5/6 of the value listed in the product catalog.

(Normally Closed)

Model: TMKS

The holding force is a fixed value.

● Clamp

Clamp the sides or the bottom of the groove of the guide rail. It is most suitable for securing the slide, positioning, and preventing vibration. Do not clamp the guide rail while the slide is in motion. Please clamp the guide rail only when the slide has come to a complete stop.

Since the contact surface does not touch the rolling grooves of the linear guide, it will not adversely affect the accuracy of the linear guide.

• (Normally Open)

When supplying air pressure or hydraulic pressure: clamp the linear guide rail.

When releasing air pressure or hydraulic pressure: disengage the clamp.

• (Normally Closed)

When supplying air pressure or hydraulic pressure: release the clamping.

When releasing air pressure or hydraulic pressure: clamp the linear guide rails with the force of a spring or similar device.

Minimum Operating Pressure

This is the minimum pressure that the rail clamp can use. If the operating pressure is lower than the minimum operating pressure specified in the product catalog, the guide rail clamp may not function.

Maximum Operating Pressure

This is the maximum pressure that the rail clamp can use. When using a pressure higher than the maximum operating pressure listed in the product catalog, the guide rail clamp may be damaged or harmed.

Operating Temperature

The operating temperature for the rail clamp.

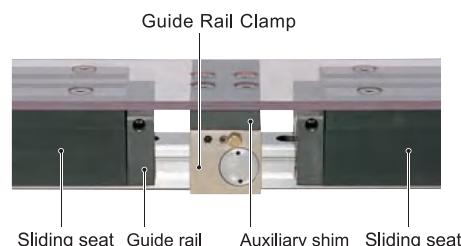
If the ambient temperature exceeds the temperature range specified in the product catalog, seals and other components may age prematurely.

Open pressure

It is the pressure required to release clamping for pneumatic, normally closed products.

● Auxiliary shim

Auxiliary shims that align the height of the guide rail clamp with the height of the linear guide slider. Depending on the combination of the guide rail clamp and the guide rail, auxiliary shims may sometimes be required. The applicable shim models are listed in the "Selection Table" of each product.



Air consumption

The amount of air required for one stroke to operate the guide rail clamp.

(Normally Open)

The time from when the system sends the signal to supply air and power to when it begins supplying air and power to the guide rail clamp.

(Normally Closed)

The time from when the system sends the signal to supply air and power to when it begins supplying air and power to the guide rail clamp.

The response time varies depending on the operating time of the solenoid valve used, the length of the piping, the supply pressure, and other factors.

● Response Time

(Normally Open)

The time from starting to supply air to the rail clamp to clamping the linear guide.

(Normally Closed)

The time from stopping the supply of air to the guide rail clamp to clamping the linear guide rail.

● Boost Connection

For pneumatic and normally closed TMKS, the holding force can be significantly increased using a 'pressure-boost connection'.

"Pressurized connection" refers to a connection method that increases the holding force by adding air pressure on top of the spring's holding force, thereby enhancing the overall holding force.

The holding force of the 'boost connection' in this product catalog is the value at a pressure of 0.6 MPa.

 Whether clamping or releasing, air pressure must continuously be supplied to the 'boost connection.' When the system is turned off and the air pressure supply stops, the holding force is only the 'standard' holding force generated by the spring. Therefore, when using a 'boost connection,' do not use the guide rail clamp as an emergency brake. Please be careful.

For safe use of the product, please read the "Safety Precautions" and the "Usage Precautions" and "How to Use" sections on each product page carefully before use. After reading, please keep this product catalog properly so that it can be referred to at any time when necessary.

Danger

Indicates that errors in operation could result in death or serious injury.◦

- Please install protective covers on the device for the guide rails, Kuraba, and other components. Otherwise, during operation, contact with the product by hands or fingers may cause injury.◦
- When installing or removing the product, be sure to disconnect the power supply to the device.
- Be sure to use a torque wrench and a torque screwdriver to properly tighten screws and other fasteners.
- Do not disassemble or modify the product.
- Incorrect handling of compressed air or fluids can be dangerous. Installation, operation, and maintenance should be performed by personnel with relevant knowledge and experience.

Notice

Indicates that an operating error could potentially cause injury to people or damage to property.

- Do not use it under conditions exceeding the holding force specified in this product catalog. Otherwise, it may cause damage to the guide rail clamp or adversely affect surrounding equipment.
- The guide rail clamp uses the wedge effect to create a friction connection. Slippage may occur in the following situations..◦
- When the friction coefficient between the linear guide and shaft and the contact surface is significantly reduced due to the effect of oil, lubricants, etc.
- When bearing a large impact load.
- When the pressure of the supplied air or oil is too low.
- Ensure that the operating temperature range for the rail clamp is 0-70°C..◦
- Exercise caution when using the product. Otherwise, it may become deformed or damaged if it falls. Handle it carefully during transport to avoid straining your back or injuring your feet if the product drops.
- Do not store or use in environments that may adversely affect the product.
- If abnormal noises or vibrations occur during operation, stop immediately and check whether the guide rails and shafts are in contact with each other, or if any screws are loose.
- When discarding, please entrust a professional company to handle it to avoid affecting the environment.
- Do not touch the product immediately after it has stopped operating. Due to heat conduction from surrounding devices, the product may be hot and there is a risk of burns.
- The guide rail clamp is not a product of the linear guide manufacturer. The linear guide manufacturer is not responsible for any losses caused by the use of the guide rail clamp and does not provide any warranty. Thank you for your understanding.



● Product Features

In systems using linear guides, after moving the workpiece to the designated position, a locking unit is used to lock it in place, maintain a stop for safety, or prevent falling.

● Product Order Code

① series	–	② Guide rail width	③ Unblock the mouth	④ Manual release	+	⑤ Gasket	⑥ Guide rail width
TCKS	–	15	B	H	+	TPCK	15

① series	② Guide rail width	③ Unblock the mouth	④ Manual release	+ (Note)	⑤ Gasket	⑥ Guide rail width
TCKS Without scraper type	15	Blank: Port size For M5 B: Port size For G1/8	Blank: No manual release H: Has manual release	+	TPCK	15
	20					-
	25					25
	30					30
	35					35

Note: '⑤⑥' is required only when using guide rail models HSR/SHS-R/LR.

● Applicable Rail Model for the Product

Use rail width	Use rail model																			
	SR				SSR		HSR				SHS									
15	•	–	–	•	•	•	–	–	–	–	•	•	–	–	–	–				
20	•	–	–	•	•	•	–	–	–	–	•	•	–	–	–	–				
25	–	•	–	•	•	•	–	–	–	–	•	•	–	–	•	•				
30	•	–	–	•	–	–	•	–	–	–	•	•	–	–	•	•				
35	•	–	–	•	–	–	•	–	–	–	•	•	–	–	•	•				
Use unit model	W	V	TB	SB	WY	VY	TBY	SBY	XW	XV	XTB	A	B	R	LA	LB	LR			
Use rail width	Use rail model																Unblock the mouth	Manual release		
Use rail width	NR				NRS				SNR				SNS				Unsigned: Lock Release port M5 B: Lock release port G1/8	Unsigned:None H: Present		
	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
30	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
35	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Use unit model	A	LA	B	LB	R	LR	A	LA	B	LB	R	LR	C	LC	R	LR	C	LC	R	LR

Note 1: This product cannot be used as a brake (to stop a moving workpiece). When used for fall prevention (holding in a stationary state), please use it at less than 50% of the clamping force.

Note 2: Manual release must be performed with the TCSK installed on the guide rail; otherwise, malfunctions may occur. Therefore, for the manual release option-H, please use the dedicated release bolt provided with the product.

● Specification

Project	TCKS-15	TCKS-20	TCKS-25	TCKS-30	TCKS-35
Guide rail width mm	15	20	25	30	35 [Note1]
Applicable Rail Manufacturer			THK		
Using fluids			Compressed air		
Maximum Operating Pressure MPa			1.0		
Minimum Operating Pressure MPa			0.35		
Pressure resistance MPa			1.5		
Ambient temperature °C			-5 ~ 60 (However, must not be frozen)		
Keep it up			Not allowed		
Pipe diameter			M5 (G1/8Selection option)		
Clamping force N [Note2]	300	450	600	850	1150
Initial backlash			±0.05		
Weight (g)	Engine block	600	900	1200	1900
	Scraper with additional weight	50	70	100	180
	Manually remove the additional weight	160	230	340	550
					820

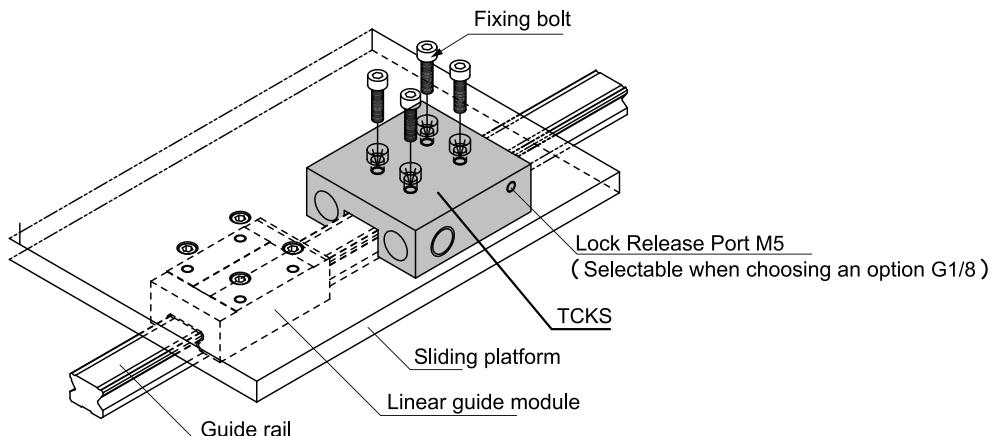
[Note 1] For applicable rail models, please refer to the product applicable rail models.

[Note 2] Clamping force refers to the ability to maintain a static load without vibration or impact when in a locking action state under no load.

Additionally, the above clamping force values are measured with grease applied, and depending on the surrounding environment, it may sometimes not meet the clamping force requirements.

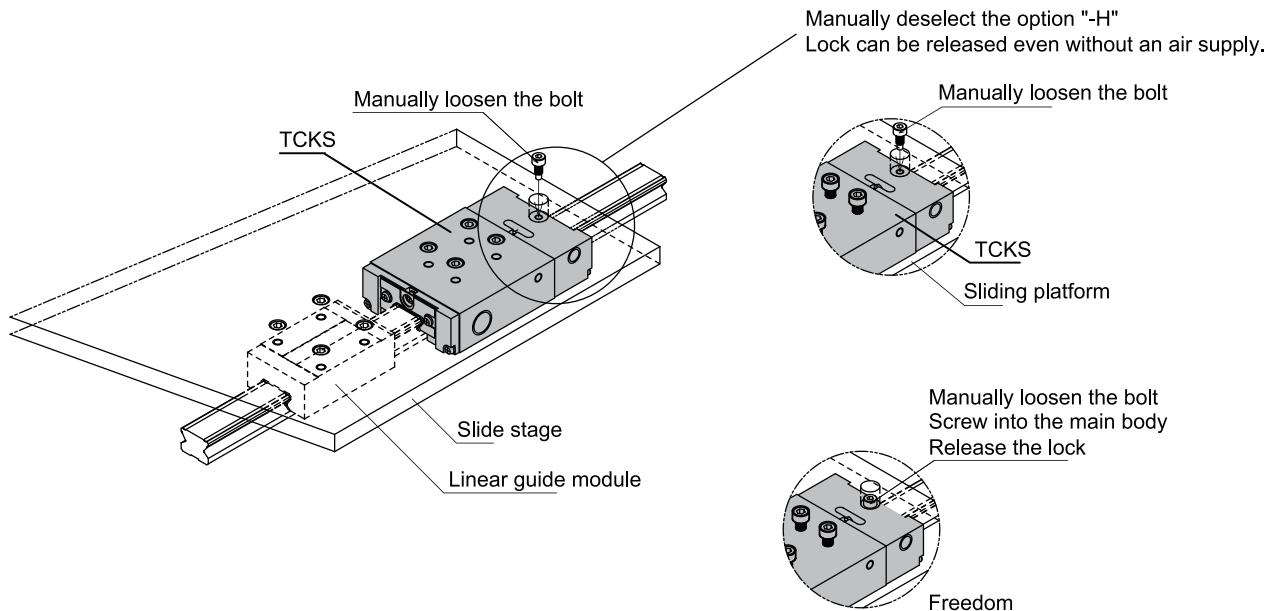
● Product Introduction

Because it has the same height as the linear guide module, it can effectively make use of the remaining space.



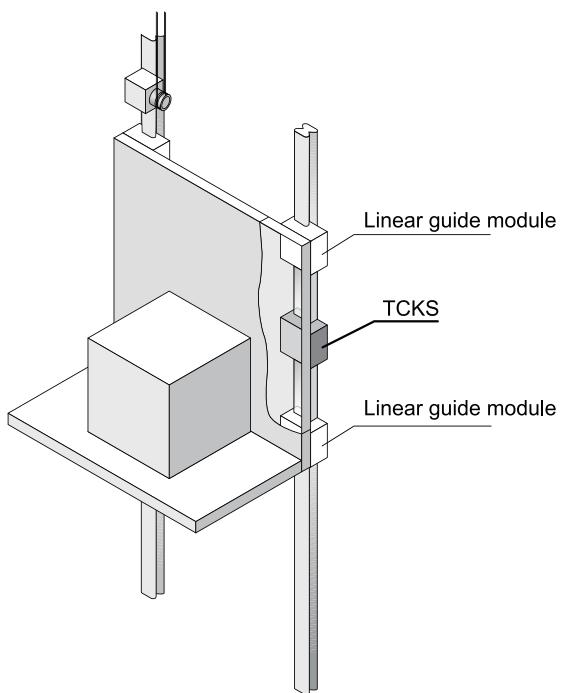
1. Although small, it has strong clamping force.
2. Unlocking is done by supplying air (there is also an option for manual release).
3. Can also be used for holding and preventing drops when stopped (holding in a stationary state).

Introduction to Options



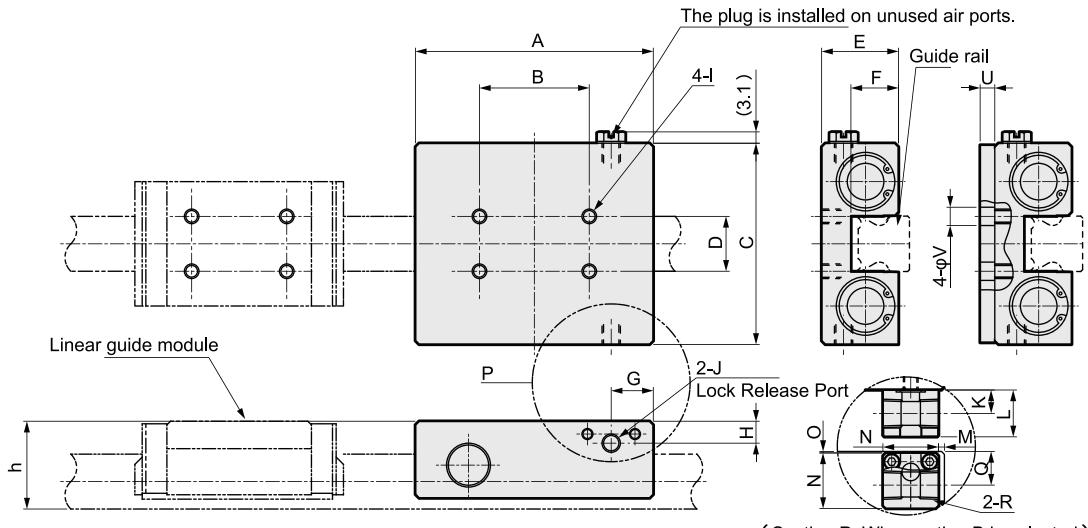
● Usage Example

Fixing, fall prevention, and clamping of the sliding platfo



● Overall Dimensions Diagram

No manual release



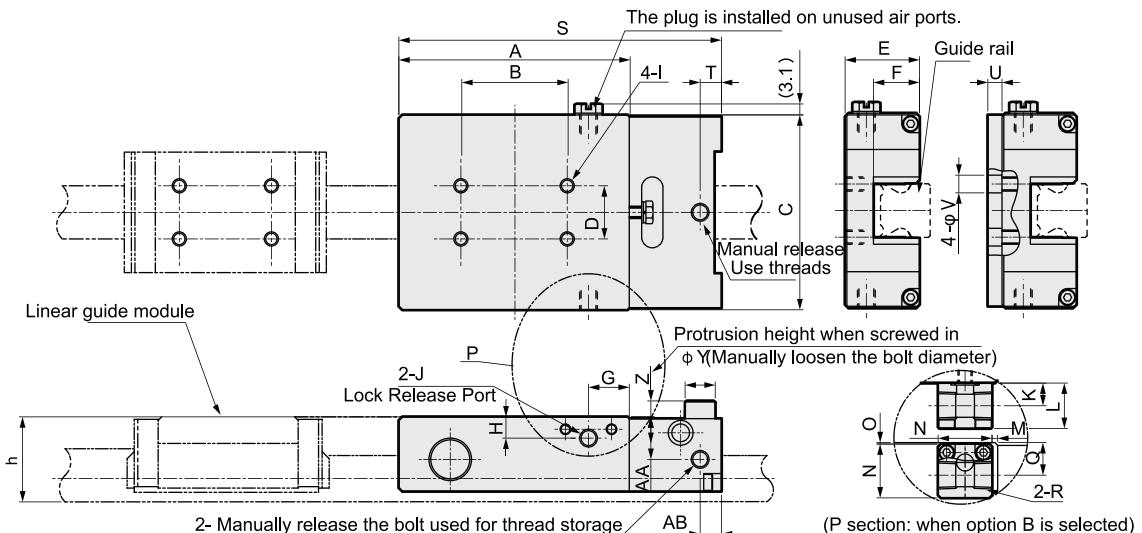
(Section P: When option B is selected)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	R	+	Model	U	V
TCKS15	65	30	55	15	21	13	11.5	6	M4Depth5	M5	8	16	2	19	0.5	11.5	G1/8		TPCK15	4	5
TCKS20	70	30	66	20	24.5	13.5	12	6	M5Depth6	M5	8	16	2.5	19	0.5	11.5	G1/8		-	-	-
TCKS25	75	30	75	20	29	16	10	6	M6Depth7	M5	8	16	0.5	19	0.5	11.5	G1/8	+	TPCK25	4	7
TCKS30	82	30	88	25	35.5	20.5	12	6.5	M6Depth9	M5	8	16	2.5	19	1	12	G1/8		TPCK30	3	7
TCKS35	90	40	102	30	40	22	12	7	M8Depth9	M5	8	16	2.5	19	1.5	12.5	G1/8		TPCK35	7	9

[Note 1]: The h dimension depends on the guide rail used.◦

[Note 2]: U and V dimensions are limited to HSR/SHS-R/LR types.

Can be manually released



(P section: when option B is selected)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	R	S	T	Y	Z	AA	AB	+	Model	U	V
TCKS15	65	30	55	15	21	13	11.5	6	M4Depth5	M5	8	16	2	19	0.5	11.5	G1/8	91	6	8.5	4.5	12	6		TPCK15	4	5
TCKS20	70	30	66	20	24.5	13.5	12	6	M5Depth6	M5	8	16	2.5	19	0.5	11.5	G1/8	98	6.5	8.5	4.5	15.5	6		-	-	-
TCKS25	75	30	75	20	29	16	10	6	M6Depth7	M5	8	16	0.5	19	0.5	11.5	G1/8	105	6.5	10	5.5	19	7	+	TPCK25	4	7
TCKS30	82	30	88	25	35.5	20.5	12	6.5	M6Depth9	M5	8	16	2.5	19	1	12	G1/8	117	8.5	10	5.5	25.5	9		TPCK30	3	7
TCKS35	90	40	102	30	40	22	12	7	M8Depth9	M5	8	16	2.5	19	1.5	12.5	G1/8	130	9.5	13	7.5	30	10		TPCK35	7	9

[Note 1]: The h dimension depends on the guide rail used.◦

[Note 2]: U and V dimensions are limited to HSR/SHS-R/LR types.



● Product Features

Linear guide clamps are key components in a linear guide system, mainly used to secure and adjust the slider, ensuring the stability and accuracy of the moving parts.

● Product Order Code

① series	② Type	③ Material	④ Surface treatment
ZAGSCK	Hand shape	S45C	Electroless nickel plating

① Model	② Type	③ Material			④ Surface treatment		
		①Subject	②Left and right screws	③Clamp block	①Subject	②Left and right screws	③Clamp block
ZAGSCK	Hand shape	S45C	SCM435	S45C	Electroless Nickel Plating	turn black	—
ZAGSCN	Knob type						

[Note]: For horizontal use only; do not use for vertical positioning.

[Note]: Please use according to the H dimension of medium-load/heavy-load linear guides.

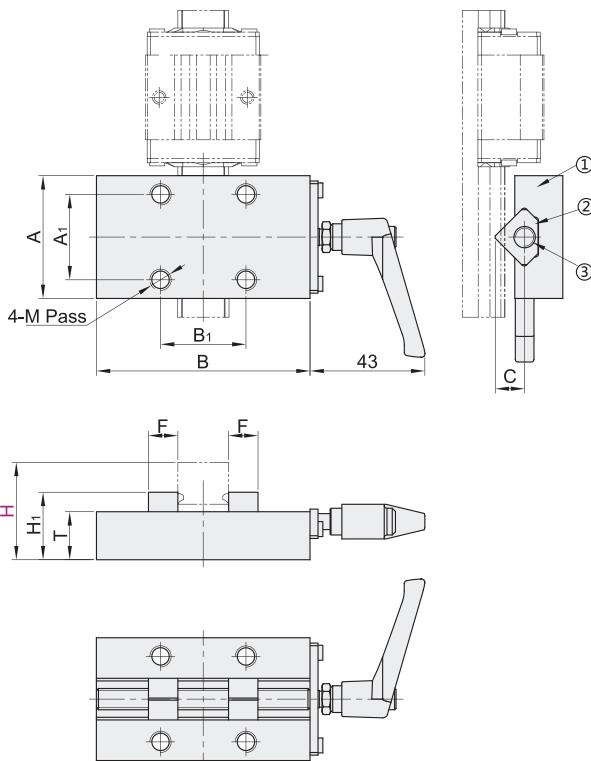
● Usage Example



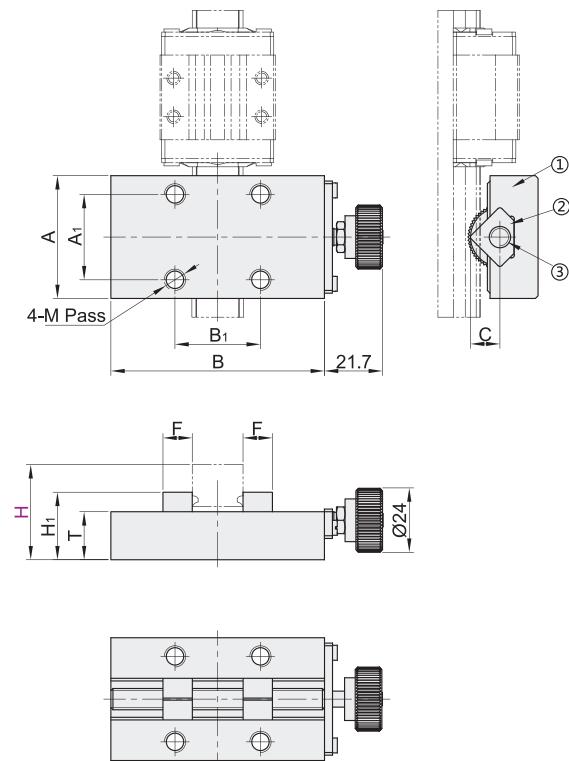
[Note]: Used for securing slides, machine positioning, and preventing vibration.

● Overall Dimensions Diagram

Hand shape ZAGSCK



knob type ZAGSCN



Perspective Standard:
First-Person Perspective

Model		A	B	A ₁	B ₁	F	T	H	C	M	Clamp block adjustment range	Tightening Torque (N·m)	THolding Force (N)
Code	H											ZAGSCK	ZAGSCN
ZAGSCK Hand shape	24	32	44	24	24	10	10.5	16.3	9.5	M4	10~22	2.5	0.7
	28	35	50	25	25	10	11.5	17.3	9.5	M5	14~28		
	30	38	54	28	28	11	11	18.3	11	M5	15~30		
ZAGSCN Knob type	33	38	62	26	26	10	14	19.8	9.5	M6	16~40	400	100
	36	42	60	30	30	11	13	20.3	11	M6	17~36		
	42	46	80	32	32	11	18	25.3	11	M8	21~56		



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