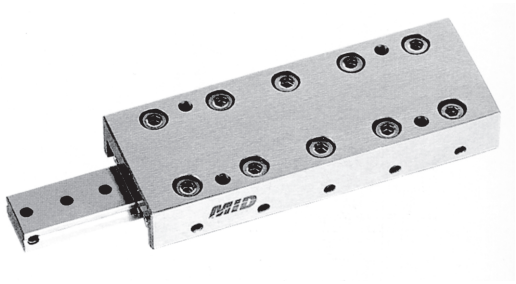
MVRT - type Miniature version (Base-tap type)

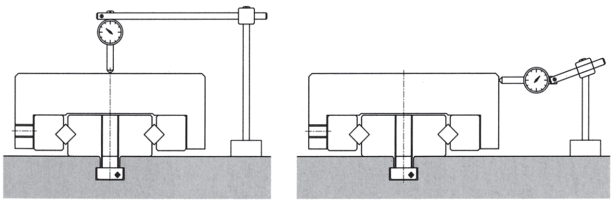
• Examples of model number formation

MVRTR | 1 | 085

- MVRTR: MVRT Standard type / MVRTR Raydent type
- 1: Model number
- 085: Overall length of a table

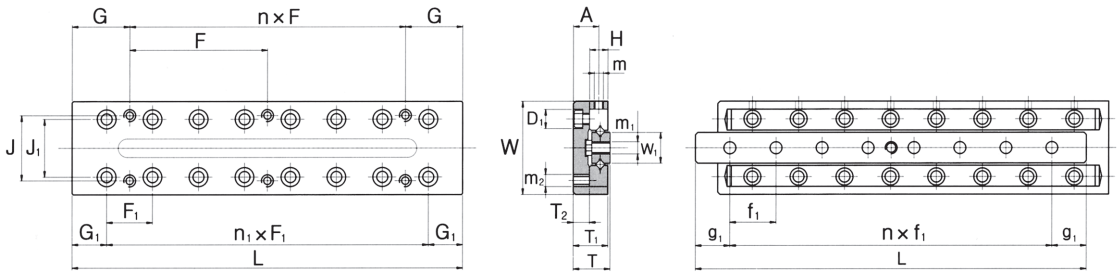


Model number	Major dimension					Dimension of a table side										(Next Page ☛)
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	n_1 X F_1	J_1	D_1	G_1	
						J	F	n X F	G	m_2						
MVRT 1025	12	20	8	25	23	14	18	1 x 18	3.5	M2.6 x 0.45	10	1 x 10	12.4	4.1	7.5	
MVRT 1035	18			35	32		28	1 x 28	3.5			2 x 10				
MVRT 1045	25			45	42		20	1 x 20	12.5			3 x 10				
MVRT 1055	32			55	52		30	1 x 30	12.5			4 x 10				
MVRT 1065	40			65	62		20	2 x 20	12.5			5 x 10				
MVRT 1075	45			75	72		30	1 x 30	22.5			6 x 10				
MVRT 1085	50			85	82		30	2 x 30	12.5			7 x 10				



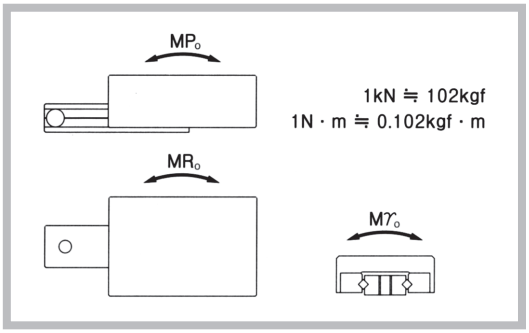
Lower-part fastening method

MVRTR 1



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole					Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1	f_1	n X f_1	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\Upsilon_0$ N·m	⊿D	⊿D
7.5	3.5	4	6.6	5.5	M2	M2.6 x 0.45	7.5	2 x 7.5	5	5	0.28	0.27	0.75	0.46	0.69	2	4
							10	2 x 10	7.5	7	0.38	0.41	1.23	0.85	1.03		
								3 x 10		10	0.56	0.69	2.18	1.67	1.72		5
								4 x 10		12	0.65	0.82	2.97	2.35	2.06		
								5 x 10		14	0.73	0.96	3.87	3.17	2.4		
								6 x 10		18	0.87	1.27	6.05	5.16	3.19		
								7 x 10		20	0.94	1.37	7.32	6.37	3.43		

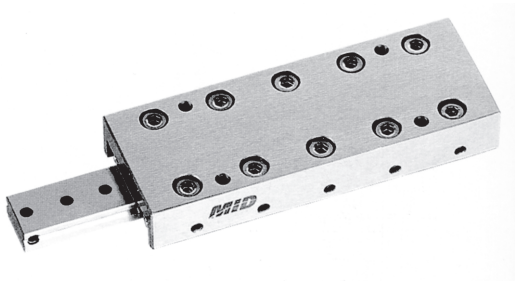


MVRT - type Miniature version (Base-tap type)

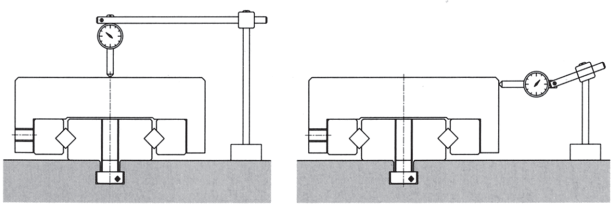
• Examples of model number formation

MVRTR 2 125

- MVRTR: MVRT Standard type / MVRTR Raydent type
- 2: Model number
- 125: Overall length of a table

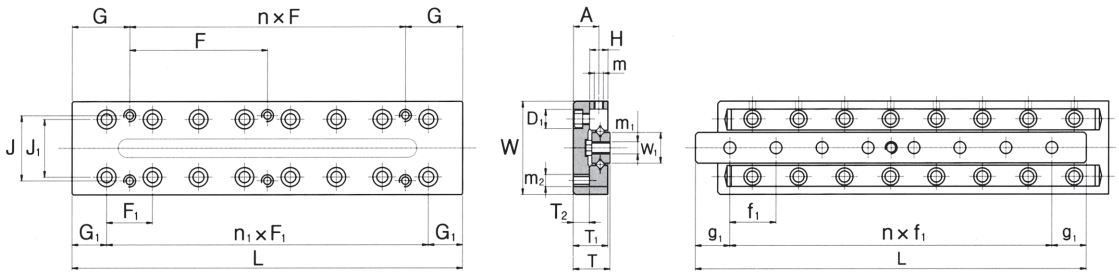


Model number	Major dimension					Dimension of a table side (Next Page ☛)									
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	n_1 X F_1	J_1	D_1	G_1
						J	F	n X F	G	m_2					
MVRT 2035	18	30	12	35	78	22	28	1 x 28	3.5	M3 x 0.5	15	1 x 15	20	6	10
MVRT 2050	30			50	113		43	1 x 43	3.5			2 x 15			
MVRT 2065	40			65	147		30	1 x 30	17.5			3 x 15			
MVRT 2080	50			80	184		45	1 x 45	17.5			4 x 15			
MVRT 2095	60			95	220		30	2 x 30	17.5			5 x 15			
MVRT 2110	70			110	257		45	1 x 45	32.5			6 x 15			
MVRT 2125	80			125	290		45	2 x 45	17.5			7 x 15			



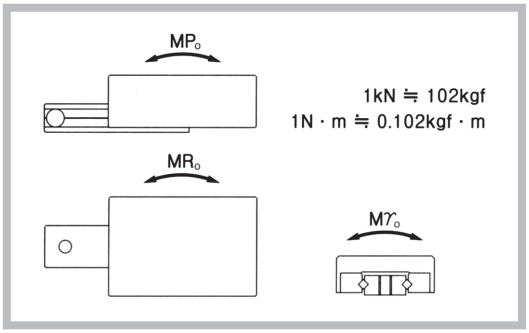
Lower-part fastening method

MVRTR 2



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole				Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1	f_1	n X f_1	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\Upsilon_0$ N·m	⊿D	⊿D
11.5	5.5	6	12	8.5	M2	M3 x 0.5	20	1 x 20	7.5	5	0.51	0.51	2.29	1.37	2.21	2	4
							15	2 x 15	10	7	0.69	0.76	3.76	2.65	3.32		
								3 x 15		9	0.85	0.98	5.62	4.22	4.25		5
								4 x 15		12	0.98	1.27	9.10	7.26	5.52		
								5 x 15		14	1.18	1.57	11.8	9.71	6.80		
								6 x 15		17	1.47	2.06	16.7	14.1	8.93		
								7 x 15		19	1.57	2.25	20.4	17.5	9.77		

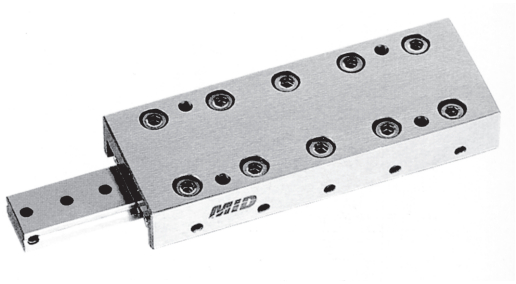


MVRT - type Miniature version (Base-tap type)

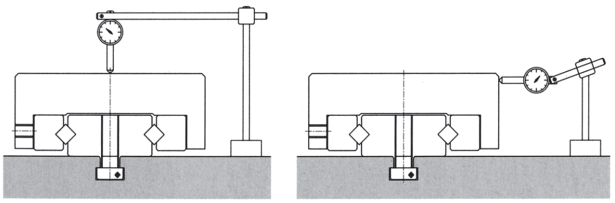
• Examples of model number formation

MVRTR 3 205

- MVRTR: MVRT Standard type / MVRTR Raydent type
- 3: Model number
- 205: Overall length of a table

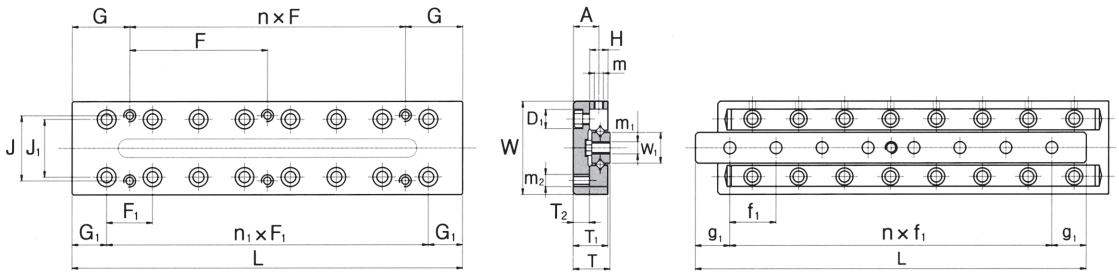


Model number	Major dimension					Dimension of a table side										(Next Page ☛)
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	$n_1 X F_1$	J_1	D_1	G_1	
						J	F	n X F	G	m_2						
MVRT 3055	30			55	229		40	1 x 40	7.5			1 x 25				
MVRT 3080	45			80	336		65	1 x 65				2 x 25				
MVRT 3105	60			105	442		50	1 x 50				3 x 25				
MVRT 3130	75	40	16	130	551	30	75	1 x 75	27.5	M4 x 0.7	25	4 x 25	28.4	7.5	15	
MVRT 3155	90			155	657		50	2 x 50				5 x 25				
MVRT 3180	105			180	766		75	1 x 75	52.5			6 x 25				
MVRT 3205	130			205	871		75	2 x 75	27.5			7 x 25				



Lower-part fastening method

MVRTR 3



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole				Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1	f_1	n X f_1	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\Upsilon_0$ N·m	⊿D	⊿D
15.5	7.5	8	16	11.5	M2	M4 x 0.7	35	1 x 35	10	6	1.27	1.37	9.85	6.57	7.97	2	5
							25	2 x 25	15	10	2.16	2.84	2.22	17.0	16.5		
								3 x 25		13	2.94	4.22	34.8	28.1	24.4	3	6
								4 x 25		17	3.63	5.69	55.8	47.1	33.3		
								5 x 25		20	3.92	6.37	74.7	64.6	36.9		
								6 x 25		24	4.02	6.57	104	92.3	38.1		
								7 x 25		26	4.22	7.16	120	107	41.5		

