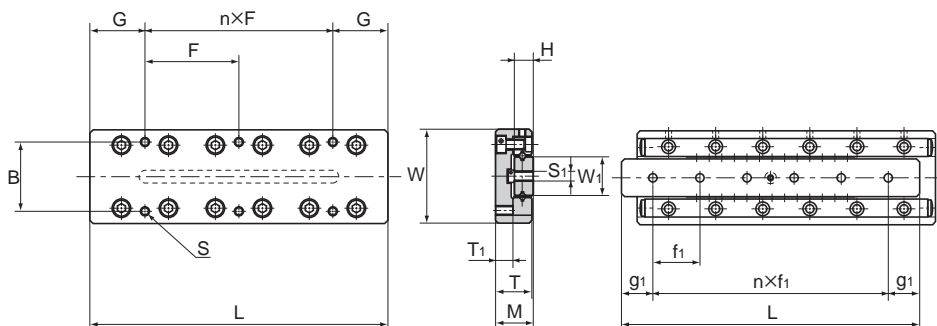


Model VRT Miniature Type (Tapped Base Type)

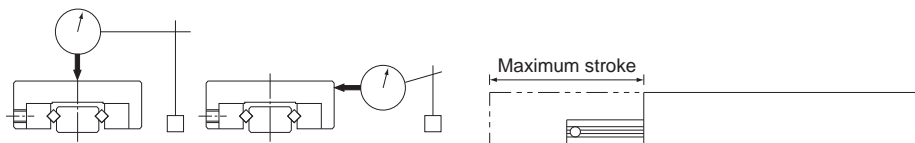
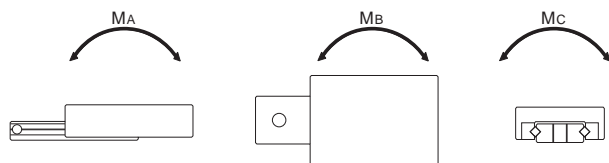


Model No.	Main dimensions					Table surface dimensions			
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass g	Table mounting tap position			
						B	$n \times F$	G	S
VRT 1025	12	20	8	25	23	14	1×18	3.5	M2.6
VRT 1035	18			35	32		1×28	3.5	
VRT 1045	25			45	42		1×20	12.5	
VRT 1055	32			55	52		1×30	12.5	
VRT 1065	40			65	62		2×20	12.5	
VRT 1075	45			75	72		1×30	22.5	
VRT 1085	50			85	82		2×30	12.5	
VRT 2035	18	30	12	35	78	22	1×28	3.5	M3
VRT 2050	30			50	113		1×43	3.5	
VRT 2065	40			65	147		1×30	17.5	
VRT 2080	50			80	184		1×45	17.5	
VRT 2095	60			95	220		2×30	17.5	
VRT 2110	70			110	257		1×45	32.5	
VRT 2125	80			125	290		2×45	17.5	
VRT 3055	30	40	16	55	229	30	1×40	7.5	M4
VRT 3080	45			80	336		1×65	7.5	
VRT 3105	60			105	442		1×50	27.5	
VRT 3130	75			130	551		1×75	27.5	
VRT 3155	90			155	657		2×50	27.5	
VRT 3180	105			180	766		1×75	52.5	
VRT 3205	130			205	871		2×75	27.5	

Note) All stainless steel type with high corrosion resistance is also available.

(Example) VRT 2035 M

Symbol for stainless steel type

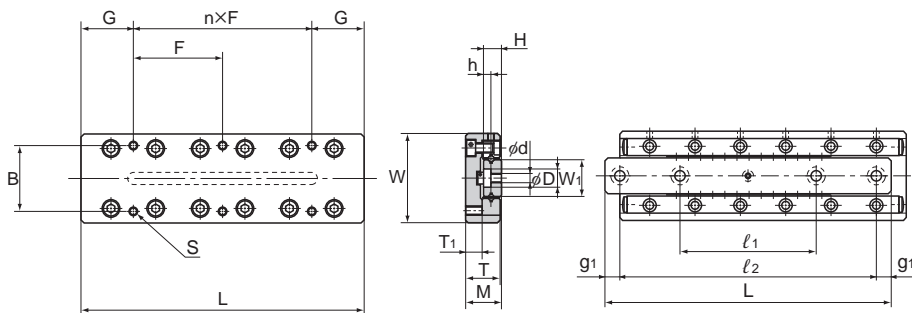
Accuracy: ΔC Accuracy: ΔD

Unit: mm

Side surface dimensions		Base surface dimensions Mounting hole position				Basic load rating		Static permissible moment			Accuracy μm			
T	T ₁	H	W ₁	S ₁	n×f ₁	g ₁	No. of rollers Z	C kN	C ₀ kN	M _A N·m	M _B N·m	M _C N·m	ΔC	ΔD
7.5	3.5	4	6.7	M2.6	2×7.5	5	5	0.46	0.61	1.52	1.25	2.29	2	4
					2×10		7	0.63	0.92	2.62	2.32	3.44		
					3×10		10	0.95	1.53	4.14	4.53	5.73		
					4×10		12	1.09	1.83	5.92	6.41	6.87		
					5×10		14	1.23	2.14	8.08	8.62	8.02		
					6×10		18	1.50	2.75	13.3	14.0	10.3		
					7×10		20	1.63	3.05	16.4	17.2	11.5		
11.5	5.5	6	12.2	M3	1×20	10	5	0.84	1.09	4.32	3.55	7.06	2	4
					2×15		7	1.16	1.63	7.45	6.59	10.6		
					3×15		9	1.46	2.17	11.8	10.5	14.1		
					4×15		12	2.01	3.26	16.8	18.2	21.2		
					5×15		14	2.26	3.80	23.0	24.5	24.7		
					6×15		17	2.51	4.34	37.9	35.7	28.2		
					7×15		19	2.76	4.89	46.7	44.3	31.8		
15.5	7.5	8	16	M4	1×35	15	6	2.71	3.67	12.2	13.9	31.9	3	6
					2×25		10	4.06	6.11	33.1	36.2	53.1		
					3×25		13	4.68	7.33	64.6	59.8	63.8		
					4×25		17	5.87	9.77	107	100	85		
					5×25		20	6.98	12.2	131	138	106		
					6×25		24	8.05	14.7	189	196	128		
					7×25		26	8.57	15.9	222	230	138		

Cross Roller Table

Model VRT-A Miniature Type (Counter Bore Hole Base Type)



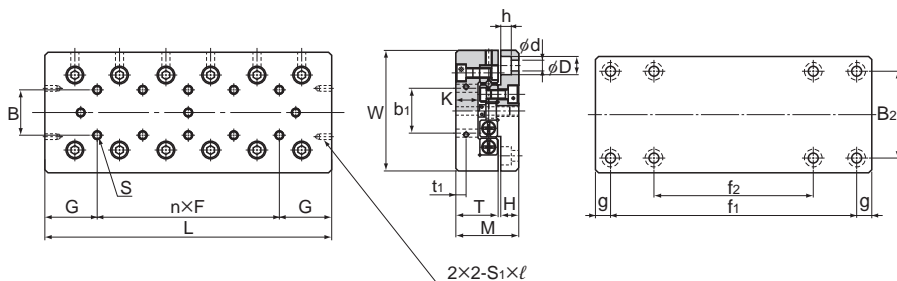
Model No.	Main dimensions					Table surface dimensions			
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass g	Table mounting tap position			
						B	n x F	G	S
VRT 1025A	12	20	8	25	23	14	1 x 18	3.5	M2.6
VRT 1035A	18			35	32		1 x 28	3.5	
VRT 1045A	25			45	42		1 x 20	12.5	
VRT 1055A	32			55	52		1 x 30	12.5	
VRT 1065A	40			65	62		2 x 20	12.5	
VRT 1075A	45			75	72		1 x 30	22.5	
VRT 1085A	50			85	82		2 x 30	12.5	
VRT 2035A	18	30	12	35	78	22	1 x 28	3.5	M3
VRT 2050A	30			50	113		1 x 43	3.5	
VRT 2065A	40			65	147		1 x 30	17.5	
VRT 2080A	50			80	181		1 x 45	17.5	
VRT 2095A	60			95	217		2 x 30	17.5	
VRT 2110A	70			110	254		1 x 45	32.5	
VRT 2125A	80			125	287		2 x 45	17.5	
VRT 3055A	30	40	16	55	226	30	1 x 40	7.5	M4
VRT 3080A	45			80	333		1 x 65	7.5	
VRT 3105A	60			105	439		1 x 50	27.5	
VRT 3130A	75			130	548		1 x 75	27.5	
VRT 3155A	90			155	652		2 x 50	27.5	
VRT 3180A	105			180	761		1 x 75	52.5	
VRT 3205A	130			205	866		2 x 75	27.5	

Note) All stainless steel type with high corrosion resistance is also available.

(Example) VRT 2035A M

└── Symbol for stainless steel type

Model VRU

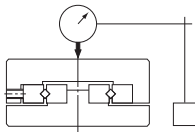
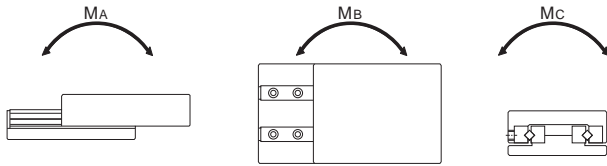
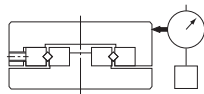
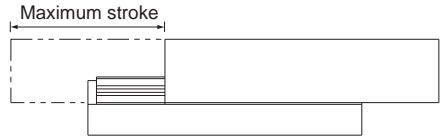


Model No.	Main dimensions					Table surface dimensions						
	Maximum stroke	Width W -0.2 -0.4	Height M ±0.1	Length L	Mass ^(Note) kg	Table mounting tap position				Side surface mounting tap position		
						B	n x F	G	S	b ₁	t ₁	S ₁ x l
VRU 1025	12	30	17	25	0.08(0.04)	10	—	12.5	M2	12	2.5	M2 x 4
VRU 1035	18			35	0.11(0.05)		1 x 10					
VRU 1045	25			45	0.15(0.07)		2 x 10					
VRU 1055	32			55	0.18(0.09)		3 x 10					
VRU 1065	40			65	0.21(0.1)		4 x 10					
VRU 1075	45			75	0.24(0.12)		5 x 10					
VRU 1085	50			85	0.27(0.13)		6 x 10					
VRU 2035	18	40	21	35	0.2(0.09)	15	—	17.5	M3	16	3.4	
VRU 2050	30			50	0.26(0.13)		1 x 15					
VRU 2065	40			65	0.34(0.17)		2 x 15					
VRU 2080	50			80	0.42(0.21)		3 x 15					
VRU 2095	60			95	0.5(0.25)		4 x 15					
VRU 2110	70			110	0.58(0.29)		5 x 15					
VRU 2125	80			125	0.66(0.33)		6 x 15					

Note) Stainless steel type with high corrosion resistance is also available.
The value in the parentheses represents the mass of a stainless steel type.

(Example) VRU 2035 M

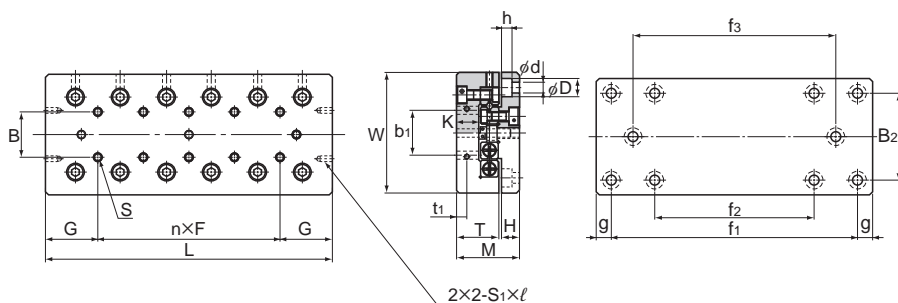
Symbol for stainless steel type
(table base: aluminum)

Accuracy: ΔC Accuracy: ΔD 

Unit: mm

					Base surface dimensions Mounting hole position					Basic load rating		Static permissible moment			Accuracy μm	
					B_2	f_1	f_2	g	No. of rollers Z	C kN	C_0 kN	M_A N·m	M_B N·m	M_C N·m	ΔC	ΔD
	T	H	K	$d \times D \times h$												
11	5.5	6.5	2.55	4.1	2.5	22	3.5	18	—	5	0.46	0.61	1.52	1.25	4.12	4
								28	—	7	0.63	0.92	2.62	2.32	6.18	
								38	—	10	0.95	1.53	4.14	4.53	10.3	
								48	28	12	1.09	1.83	5.92	6.41	12.4	
								58	38	14	1.23	2.14	8.08	8.62	14.4	5
								68	48	18	1.50	2.75	13.3	14.0	18.6	
								78	58	20	1.63	3.05	16.4	17.2	20.6	
								25	—	5	0.84	1.09	4.32	3.55	9.77	
						40	—	7	1.16	1.63	7.45	6.59	14.7			
						55	—	9	1.46	2.17	11.8	10.6	19.5			
						70	40	12	2.01	3.26	16.9	18.2	29.3	5		
						85	55	14	2.26	3.80	23	24.5	34.2			
						100	70	17	2.51	4.34	37.9	35.7	39.1		3	
						115	85	19	2.76	4.89	46.7	44.3	44.0	6		

Model VRU



Model No.	Main dimensions					Table surface dimensions						
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass ^(Note) kg	Table mounting tap position				Side surface mounting tap position		
						B	n x F	G	S	b ₁	t ₁	S ₁ x l
VRU 3055	30	60	28	55	0.57(0.3)	25	—	27.5	M4	40	5.5	M3 x 6
VRU 3080	45			80	0.8(0.4)		1 x 25					
VRU 3105	60			105	1.03(0.6)		2 x 25					
VRU 3130	75			130	1.26(0.7)		3 x 25					
VRU 3155	90			155	1.49(0.9)		4 x 25					
VRU 3180	105			180	1.72(1)		5 x 25					
VRU 3205	130	205	1.95(1.1)	6 x 25								
VRU 4085	50	80	35	85	1.5(0.8)	40	—	42.5	M5	55	6.5	
VRU 4125	75			125	2.3(1.2)		1 x 40					
VRU 4165	105			165	3.1(1.5)		2 x 40					
VRU 4205	135			205	3.8(1.9)		3 x 40					
VRU 4245	155			245	4.6(2.2)		4 x 40					
VRU 4285	185			285	5.3(2.6)		5 x 40					

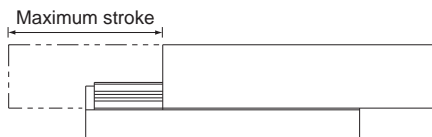
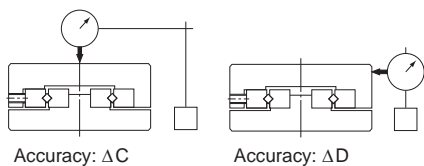
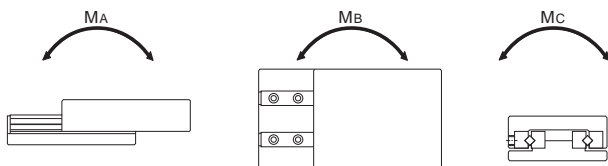
Note) Stainless steel type with high corrosion resistance is also available.

The value in the parentheses represents the mass of a stainless steel type.

(Example) VRU 3080 M

└ Symbol for stainless steel type

(table base: aluminum)

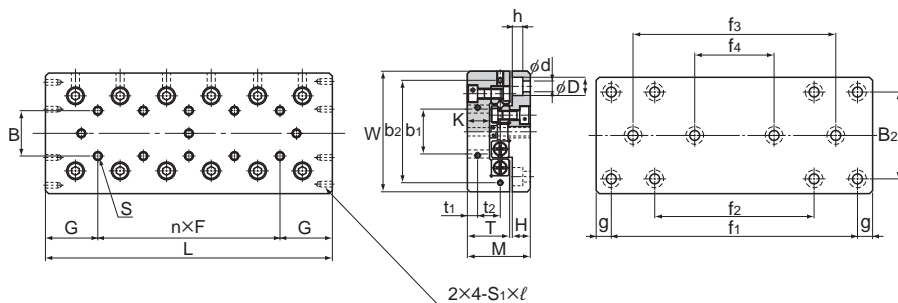


Unit: mm

					Base surface dimensions Mounting hole position					Basic load rating		Static permissible moment			Accuracy μm		
					B_2	f_1	f_2	f_3	g	No. of rollers Z	C kN	C_0 kN	M_A N·m	M_B N·m	M_C N·m	ΔC	ΔD
T	H	K	$d \times D \times h$														
18.5	9	10	4.5×7.5×5	40	35	—	—	10	6	2.71	3.67	12.2	13.9	51.3	2	5	
					60	—	—		10	4.06	6.11	33.1	36.2	85.5			
					85	—	—		13	4.68	7.33	64.6	59.8	103	3	6	
					110	—	—		17	5.87	9.77	107	100	137			
					135	—	85		20	6.98	12.2	131	138	171			
					160	—	110		24	8.05	14.7	189	196	205			
					185	85	135	26	8.57	15.9	222	230	222		7		
24	10.5	12.5	5.5×9.5×6	60	65	—	—	22.5	7	5.90	8.11	64.9	57.4	162	2	5	
					80	—	—		11	8.82	13.5	147	134	270			
					120	—	—		14	11.5	18.9	200	214	378	3	7	
					160	80	—		18	14.0	24.3	330	347	486			
					200	120	—		22	16.3	29.7	492	513	594			
					240	160	—		26	18.6	35.1	687	711	703			

Cross Roller Table

Model VRU



Model No.	Main dimensions					Table surface dimensions									
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass ^(Note) kg	Table mounting tap position				Side surface mounting tap position					
						B	n x F	G	S	b ₁	b ₂	t ₁	t ₂	S ₁ x l	
VRU 6110	60	100	45	110	3.2(1.7)	50	—	55	M6	60	92	8	15	M4 x 8	
VRU 6160	95			160	4.6(2.5)										1 x 50
VRU 6210	130			210	6(3.2)										2 x 50
VRU 6260	165			260	7.4(4)										3 x 50
VRU 6310	200			310	8.7(4.8)										4 x 50
VRU 6360	235			360	10.1(5.6)										5 x 50
VRU 6410	265			410	11.5(6.4)										6 x 50
VRU 9210	130	145	60	210	12(7.1)	85	—	105	M8	90	135	11	20		
VRU 9310	180			310	17.6(7.9)										1 x 100
VRU 9410	350			410	23.2(—)										2 x 100
VRU 9510	450			510	28.8(—)										3 x 100
VRU 9610	550			610	34.4(—)										4 x 100
VRU 9710	650			710	40(—)										5 x 100
VRU 9810	750			810	45.6(—)										6 x 100
* VRU 9910	850			910	51.2(—)									7 x 100	
* VRU 91010	950			1010	56.8(—)									8 x 100	

Note) Stainless steel type with high corrosion resistance is also available.

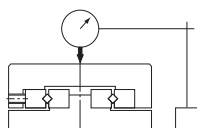
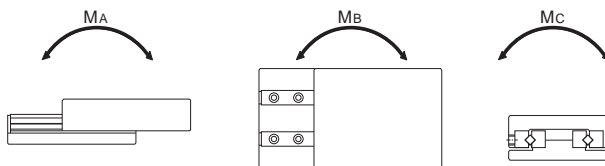
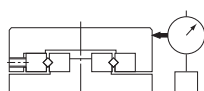
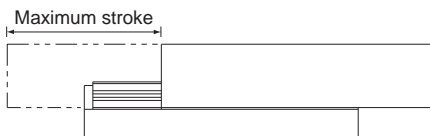
The value in the parentheses represents the mass of a stainless steel type.

Models VRU9910 and VRU91010 are build to order.

(Example) VRU 6310 M

Symbol for stainless steel type

(table base: aluminum)

Accuracy: ΔC Accuracy: ΔD 

Unit: mm

					Base surface dimensions Mounting hole position						Basic load rating		Static permissible moment			Accuracy μm		
					B_2	f_1	f_2	f_3	f_4	g	No. of rollers Z	C kN	C_0 kN	M_A N·m	M_B N·m	M_C N·m	ΔC	ΔD
T	H	K	$d \times D \times h$															
31	13	15	$7 \times 11 \times 7$	60	90	—	—	—	10	6	16.4	22.7	150	172	510	3	6	
					140	—	—	—		9	20.5	30.2	410	367	680	3	6	
					190	—	90	—		13	28.2	45.3	800	740	1020	3	7	
					240	—	140	—		16	35.3	60.5	1040	1100	1360	3	7	
					290	—	190	—		19	38.8	68.0	1630	1540	1530	4	8	
					340	140	240	—		22	45.3	83.1	1970	2050	1870	4	8	
43	16	21	$9 \times 14 \times 9$	90	390	190	290	—	55	26	51.6	98.3	2750	2840	2210	4	8	
					100	—	—	—		9	52.3	75.8	1440	1290	2730	3	7	
					200	—	—	—		14	81.1	133	2810	2990	4780	3	7	
					300	—	100	—		15	81.1	133	3660	3420	4780	4	8	
					400	—	200	—		19	98.7	171	5710	5410	6140	4	8	
					500	100	300	—		22	115	208	6910	7200	7500	4	9	
					600	200	400	—		26	131	246	9640	9980	8870	4	9	
					700	300	500	100		29	139	265	12800	12400	9550	5	10	
					800	400	600	200		33	155	303	16500	15900	10900	5	10	
					900	500	700	300		37	169	341	20500	20000	12300	5	10	