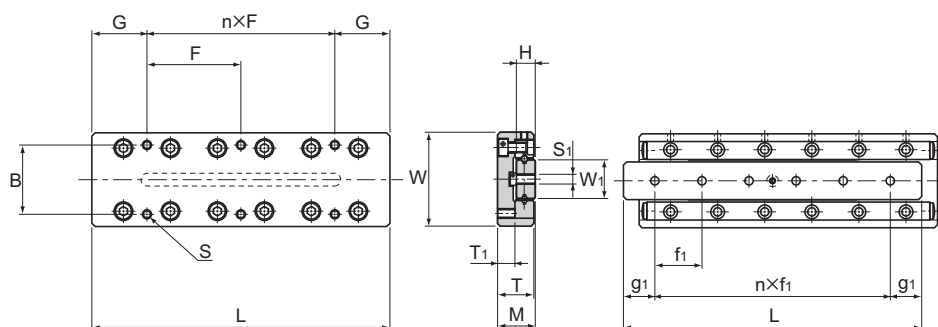


Model VRT Miniature Type (Tapped Base Type)

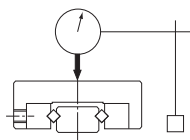
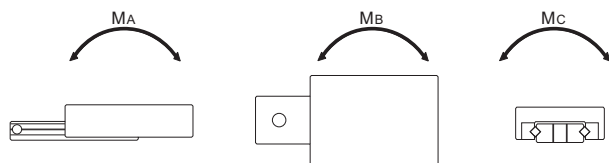
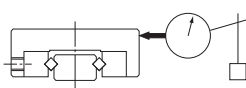


Model No.	Main dimensions					Table surface dimensions			
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass g	Table mounting tap position			
						B	$n \times F$	G	S
VRT 1025	12	20	8	25	23	14	1×18	3.5	M2.6
VRT 1035	18			35	32		1×28	3.5	
VRT 1045	25			45	42		1×20	12.5	
VRT 1055	32			55	52		1×30	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

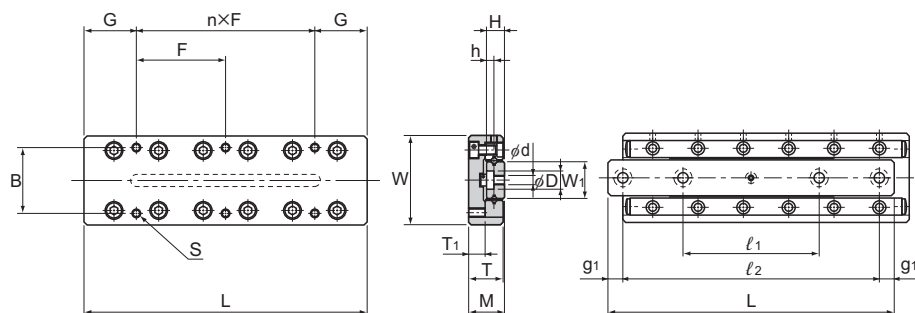
Symbol for stainless steel type

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	7.5	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
					5×10		14	1.23	2.14	8.08	8.62	8.02		
					6×10		18	1.5	2.75	13.3	14	10.3		
11.5	5.5	6	12.2	M3	7×10	10	20	1.63	3.05	16.4	17.2	11.5	2	4
					1×20		5	0.84	1.09	4.32	3.55	7.06		
					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		5
					4×15		12	2.01	3.26	16.8	18.2	21.2		
					5×15		14	2.26	3.8	23	24.5	24.7		
15.5	7.5	8	16	M4	6×15	15	17	2.51	4.34	37.9	35.7	28.2	3	6
					7×15		19	2.76	4.89	46.7	44.3	31.8		
					1×35		6	2.71	3.67	12.2	13.9	31.9		
					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		

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

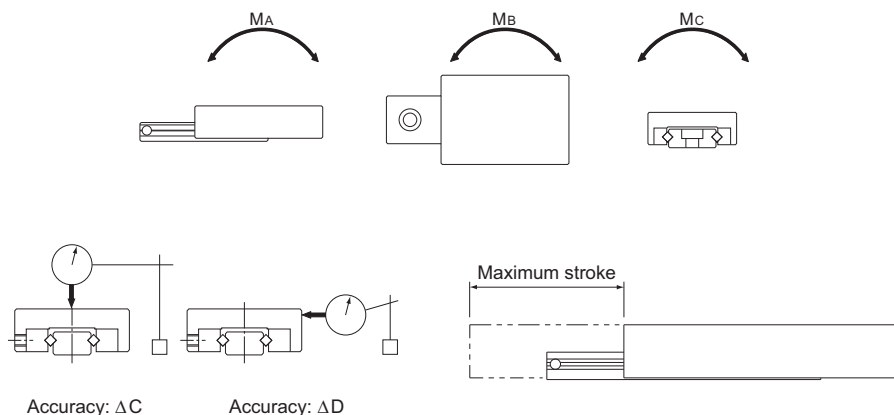


Model No.	Main dimensions					Table surface dimensions			
	Maximum stroke	Width W ±0.1	Height M ±0.1	Length L	Mass g	Table mounting tap position			
						B	n × F	G	S
VRT 1025A	12	20	8	25	23	14	1 × 18	3.5	M2.6
VRT 1035A	18			35	32		1 × 28	3.5	
VRT 1045A	25			45	42		1 × 20	12.5	
VRT 1055A	32			55	52		1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

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

(Example) VRT 2035A M

Symbol for stainless steel type



Unit: mm

Cross-Roller Table

	Side surface dimensions				Base surface dimensions Mounting hole position					Basic load rating		Static permissible moment			Accuracy μm	
	T	T ₁	H	W ₁	d×D×h	ℓ_1	ℓ_2	g ₁	No. of rollers Z	C kN	C _D kN	M _A N·m	M _B N·m	M _C N·m	ΔC	ΔD
7.5	3.5	4	6.7	2.5×4.1×2.2	□	18	3.5	5	0.46	0.61	1.52	1.25	2.29	2	4	5
					□	25	5	7	0.63	0.92	2.62	2.32	3.44			
					25	38	3.5	10	0.95	1.53	4.14	4.53	5.73			
					29	48	3.5	12	1.09	1.83	5.92	6.41	6.87			
					31	55	5	14	1.23	2.14	8.08	8.62	8.02			
					35	65	5	18	1.5	2.75	13.3	14	10.3			
11.5	5.5	6	12.2	3.5×6×3.2	40	75	5	20	1.63	3.05	16.4	17.2	11.5	2	4	5
					□	25	5	5	0.84	1.09	4.32	3.55	7.06			
					□	35	7.5	7	1.16	1.63	7.45	6.59	10.6			
					33	55	5	9	1.46	2.17	11.8	10.5	14.1			
					40	70	5	12	2.01	3.26	16.8	18.2	21.2			
					45	85	5	14	2.26	3.8	23	24.5	24.7			
15.5	7.5	8	16	4.5×7.5×4.2	50	95	7.5	17	2.51	4.34	37.9	35.7	28.2	2	5	5
					55	110	7.5	19	2.76	4.89	46.7	44.3	31.8			
					□	40	7.5	6	2.71	3.67	12.2	13.9	31.9			
					43	68	6	10	4.06	6.11	33.1	36.2	53.1			
					55	90	7.5	13	4.68	7.33	64.6	59.8	63.8		3	6
					65	115		17	5.87	9.77	107	100	85			
					95	140		20	6.98	12.2	131	138	106			
					85	165		24	8.05	14.7	189	196	128			
					90	190		26	8.57	15.9	222	230	138			