

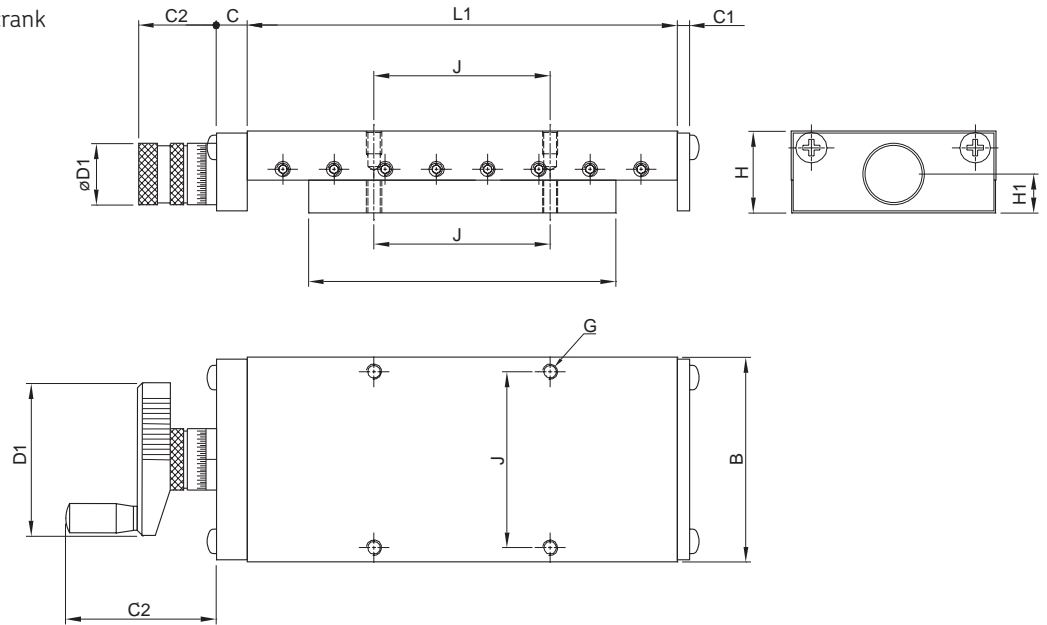
# Precision slides, hand driven



Precision slides

RSM / RSK

Precision tables for manual operation with micrometer knurl RSM, with hand crank RSK



Designations	Dimensions			Stroke				Screw						Load-carrying capacities C <sub>0</sub>	Weight GG	
	B	H	L <sub>1</sub>	L <sub>2</sub>	S	C	C <sub>1</sub>	C <sub>2</sub>	D <sub>1</sub>	H <sub>1</sub>	∅	J	G			N
	mm															kN
RSM50.080.025	50	25	80	55	25	14	5	37.5	23	12.3	M6×1	37	M4	4.5	1.70	0.7
RSM50.130.025	50	25	130	105	25	14	5	37.5	23	12.3	M6×1	37	M4	4.5	3.30	1.1
RSM50.130.050	50	25	130	80	50	14	5	37.5	23	12.3	M6×1	37	M4	4.5	2.50	1.0
RSM50.130.075	50	25	130	55	75	14	5	37.5	23	12.3	M6×1	37	M4	4.5	1.70	0.9
RSM50.180.075	50	25	180	105	75	14	5	37.5	23	12.3	M6×1	37	M4	4.5	3.30	1.3
RSM50.180.100	50	25	180	80	100	14	5	37.5	23	12.3	M6×1	37	M4	4.5	2.50	1.2
RSM75.130.025	75	32	130	105	25	15	6	46.0	30	15	M10×1	62	M4	4.5	3.40	2.2
RSK75.130.025	75	32	130	105	25	15	6	88.0	71	15	M10×1	62	M4	4.5	3.40	2.2
RSM75.180.050	75	32	180	130	50	15	6	46.0	30	15	M10×1	62	M4	4.5	5.10	3.0
RSK75.180.050	75	32	180	130	50	15	6	88.0	71	15	M10×1	62	M4	4.5	5.10	3.0
RSM75.180.025	75	32	180	150	50	15	6	46.0	30	15	M10×1	62	M4	4.5	4.25	2.8
RSK75.180.025	75	32	180	150	50	15	6	88.0	71	15	M10×1	62	M4	4.5	4.25	2.8
RSM75.180.075	75	32	180	105	75	15	6	46.0	30	15	M10×1	62	M4	4.5	3.40	2.6
RSK75.180.075	75	32	180	105	75	15	6	88.0	71	15	M10×1	62	M4	4.5	3.40	2.6
RSM75.230.075	75	32	230	155	75	15	6	46.0	30	15	M10×1	62	M4	4.5	5.10	3.4
RSK75.230.075	75	32	230	155	75	15	6	88.0	71	15	M10×1	62	M4	4.5	5.10	3.4
RSM75.230.075	75	32	230	130	100	15	6	46.0	30	15	M10×1	62	M4	4.5	4.25	3.3
RSK75.230.075	75	32	230	130	100	15	6	88.0	71	15	M10×1	62	M4	4.5	4.25	3.3
RSM75.230.075	75	32	230	105	125	15	6	46.0	30	15	M10×1	62	M4	4.5	3.40	3.1
RSK75.230.075	75	32	230	105	125	15	6	88.0	71	15	M10×1	62	M4	4.5	3.40	3.1

continued

continued

Designations	Dimensions				Stroke				Screw						Load-carrying capacities C <sub>0</sub>	Weight GG
	B	H	L <sub>1</sub>	L <sub>2</sub>	S	C	C <sub>1</sub>	C <sub>2</sub>	D <sub>1</sub>	H <sub>1</sub>	Ø	J	G	N		
mm																
RSM100.260.050	100	40	260	210	50	15	6	46	30	15.5	M10×1	74	M6	6.6	8.8	6.8
RSK100.260.050	100	40	260	210	50	15	6	88	71	15.5	M10×1	74	M6	6.6	8.8	6.8
RSM100.310.050	100	40	310	260	50	15	6	46	30	15.5	M10×1	74	M6	6.6	10.9	8.2
RSK100.310.050	100	40	310	260	50	15	6	88	71	15.5	M10×1	74	M6	6.6	10.9	8.2
RSM100.360.050	100	40	360	310	50	15	6	46	30	15.5	M10×1	74	M6	6.6	13.0	9.6
RSK100.360.050	100	40	360	310	50	15	6	88	71	15.5	M10×1	74	M6	6.6	13.0	9.6
RSM100.310.100	100	40	310	210	100	15	6	46	30	15.5	M10×1	74	M6	6.6	8.8	7.5
RSK100.310.100	100	40	310	210	100	15	6	88	71	15.5	M10×1	74	M6	6.6	8.8	7.5
RSM100.360.100	100	40	360	260	100	15	6	46	30	15.5	M10×1	74	M6	6.6	10.9	8.9
RSK100.360.100	100	40	360	260	100	15	6	88	71	15.5	M10×1	74	M6	6.6	10.9	8.9
RSM100.410.100	100	40	410	310	100	15	6	46	30	15.5	M10×1	74	M6	6.6	13.0	10.0
RSK100.410.100	100	40	410	310	100	15	6	88	71	15.5	M10×1	74	M6	6.6	13.0	10.0
RSM100.360.150	100	40	360	210	150	15	6	46	30	15.5	M10×1	74	M6	6.6	8.8	8.2
RSK100.360.150	100	40	360	210	150	15	6	88	71	15.5	M10×1	74	M6	6.6	8.8	8.2
RSM100.410.150	100	40	410	260	150	15	6	46	30	15.5	M10×1	74	M6	6.6	10.9	9.6
RSK100.410.150	100	40	410	260	150	15	6	88	71	15.5	M10×1	74	M6	6.6	10.9	9.6
RSM100.460.150	100	40	460	310	150	15	6	46	30	15.5	M10×1	74	M6	6.6	13.0	11.0
RSK100.460.150	100	40	460	310	150	15	6	88	71	15.5	M10×1	74	M6	6.6	13.0	11.0
RSM100.460.200	100	40	460	260	200	15	6	46	30	15.5	M10×1	74	M6	6.6	10.9	10.0
RSK100.460.200	100	40	460	260	200	15	6	88	71	15.5	M10×1	74	M6	6.6	10.9	10.0
RSM150.410.100	150	50	410	310	100	20	8	63	47	24.0	Tr16×2	116	M8	9	53.0	20.0
RSK150.410.100	150	50	410	310	100	20	8	122	102	24.0	Tr16×2	116	M8	9	53.0	20.0
RSM150.510.100	150	50	510	410	100	20	8	63	47	24.0	Tr16×2	116	M8	9	71.0	25.0
RSK150.510.100	150	50	510	410	100	20	8	122	102	24.0	Tr16×2	116	M8	9	71.0	25.0
RSM150.610.100	150	50	610	510	100	20	8	63	47	24.0	Tr16×2	116	M8	9	88.0	30.0
RSK150.610.100	150	50	610	510	100	20	8	122	102	24.0	Tr16×2	116	M8	9	88.0	30.0
RSM150.510.200	150	50	510	310	200	20	8	63	47	24.0	Tr16×2	116	M8	9	53.0	22.0
RSK150.510.200	150	50	510	310	200	20	8	122	102	24.0	Tr16×2	116	M8	9	53.0	22.0
RSM150.610.200	150	50	610	410	200	20	8	63	47	24.0	Tr16×2	116	M8	9	71.0	28.0
RSK150.610.200	150	50	610	410	200	20	8	122	102	24.0	Tr16×2	116	M8	9	71.0	28.0
RSM150.710.200	150	50	710	510	200	20	8	63	47	24.0	Tr16×2	116	M8	9	88.0	33.0
RSK150.710.200	150	50	710	510	200	20	8	122	102	24.0	Tr16×2	116	M8	9	88.0	33.0
RSM150.610.300	150	50	610	310	300	20	8	63	47	24.0	Tr16×2	116	M8	9	53.0	25.0
RSK150.610.300	150	50	610	310	300	20	8	122	102	24.0	Tr16×2	116	M8	9	53.0	25.0
RSM150.710.300	150	50	710	410	300	20	8	63	47	24.0	Tr16×2	116	M8	9	71.0	30.0
RSK150.710.300	150	50	710	410	300	20	8	122	102	24.0	Tr16×2	116	M8	9	71.0	30.0
RSM150.810.300	150	50	810	510	300	20	8	63	47	24.0	Tr16×2	116	M8	9	88.0	36.0
RSK150.810.300	150	50	810	510	300	20	8	122	102	24.0	Tr16×2	116	M8	9	88.0	36.0
RSM150.810.400	150	50	810	410	400	20	8	63	47	24.0	Tr16×2	116	M8	9	71.0	33.0
RSK150.810.400	150	50	810	410	400	20	8	122	102	24.0	Tr16×2	116	M8	9	71.0	33.0

Slides, tables and compact cross tables

Ordering key

	R SS	[ ]	-	[ ]	-	[ ]	-	[ ]	-	[ ]	-	[ ]
<b>Type:</b>	Precision slides with rail guide system, crossed rollers . . . . .	R										
	Dovetail slides . . . . .	S										
	Compact cross tables with rail guide system, crossed rollers . . . . .	T										
<b>Versions:</b>	Only valid for dovetail tables:											
	For manual operation, with micrometer knurl . . . . .	SM										
	For manual operation, with hand crank . . . . .	SK										
	Only valid for precision tables:											
	For manual operation, with micrometer knurl . . . . .	SM										
	For manual operation, with hand crank . . . . .	SK										
	For motor drive . . . . .	SS										
	Only valid for compact cross tables:											
	For manual operation, without drive . . . . .	0										
	For manual operation, with micrometer knurl . . . . .	S										
<b>Table width B [mm] (see tables):</b>	. . . . .											85 - 300
<b>Length L1 or dimension Sx Sy [mm]:</b>	L1 for dovetail and precision slides . . . . .											80 - 1010
	Sx Sy for compact cross tables . . . . .											025, 050, 100
<b>Nominal stroke [mm] (not for compact cross tables):</b>	See tables											
<b>Designation suffix if desired:</b>	Slides or tables made of aluminium, black anodised . . . . .											A
	Slides with thick top: only for precision slides . . . . .											D
	Slides with thick top and T-slots: dovetail and precision slides . . . . .											DT
	Locking device for dovetail slides (standard) . . . . .											AR 1
	Locking device for precision slides and tables . . . . .											AR 2
	Locking device for compact cross tables (standard) . . . . .											AR 3
<b>For motor drive only:</b>	Preloaded planetary roller screw for RSS - slides . . . . .											R
<b>Screw diameter Ø in mm:</b>	Precision tables for RSS - slides . . . . .											8 - 20
<b>Screw lead:</b>	1 - 5 mm for RSS - slides . . . . .											01 - 15

- Example 1: R SS 200 - 710 - 300 - [ ] - R 1202
- Example 2: R SK 50 - 080 - 025
- Example 3: S SM 300 - 010 - 500 - AR1
- Example 4: S SK 50 - 080 - 025 - AR1
- Example 5: T 0 085 - 050 - [ ] - AR3