

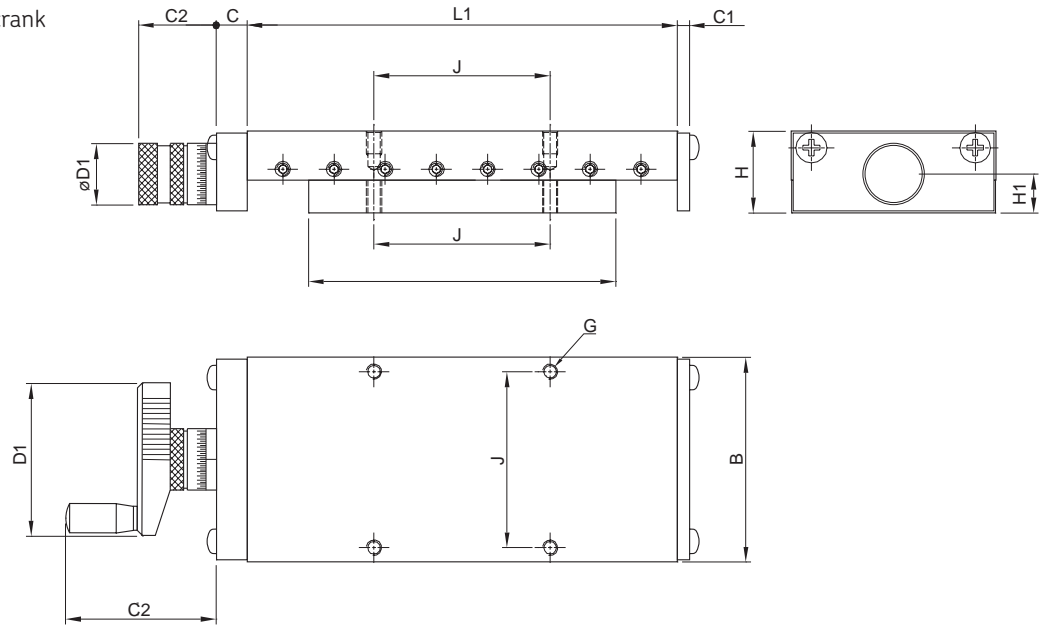
# Precision slides, hand driven



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



Type:

- Precision slides with rail guide system, crossed rollers ..... R
- Dovetail slides ..... S
- Compact cross tables with rail guide system, crossed rollers ..... T

Versions:

- 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

Table width B [mm] (see tables):

..... 85 - 300

Length L1 or dimension Sx Sy [mm]:

L1 for dovetail and precision slides ..... 80 - 1010  
 Sx Sy for compact cross tables ..... 025, 050, 100

Nominal stroke [mm] (not for compact cross tables):

See tables

Designation suffix if desired:

- 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

For motor drive only:

Preloaded planetary roller screw for RSS - slides ..... R

Screw diameter Ø in mm:

Precision tables for RSS - slides ..... 8 - 20

Screw lead:

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]