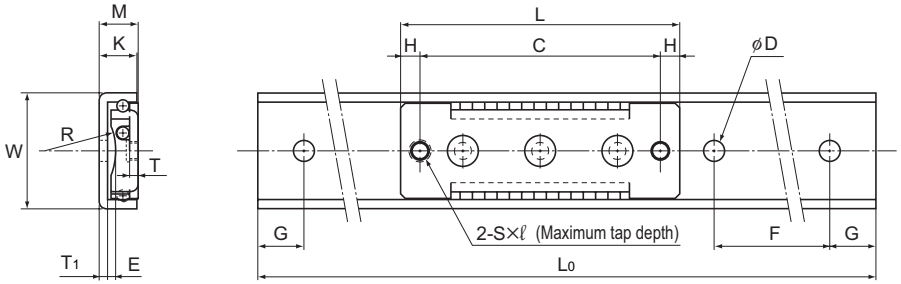
Model ER



Unit: mm

Model No.	Inner block dimensions										Outer rail dimensions						Basic load rating		Mass	
	Width W	Height M ±0.05	Length L	C	H	E	R	S	Maximum tap depth ℓ	T	K	T_1	D	L_0	F	G	C N	C_0 N	Inner block g	Outer rail g/m
ER 513	13	4.5	22	7	7.5	1.1	4.2	M2	1.3	0.9	4	1.1	2.4	40, 60, 80	20	10	54.9	72.5	2.4	166
ER 616	15.6	6	36	29	3.5	1.7	9.2	M3	1.8	1.1	5.5	1.4	2.9	45, 70, 95	25	10	71.6	125	5.6	268
ER 920	20	8.5	46	40	3	2.3	7.3	M3	2.5	1.9	7.5	1.9	3.5	50, 80, 110	30	10	144	201	14.4	474
ER 1025	25	10	56	48	4	2.9	9.3	M4	2.8	2.2	9	2.2	4.5	60, 100, 140	40	10	215	315	27	677

Note) To fix the outer rail of models ER513 and ER616, use cross-recessed screws for precision equipment (No. 0 screw).

Model number coding

2 ER616 C1 +95L

- 2: Number of inner blocks used on the same rail
- ER616: Model number
- C1: Radial clearance symbol (*1)
- +95L: Outer rail length (in mm)

(*1) See A-569.

Model No.	Type	Nominal name of screw × pitch
ER 513	No. 0 pan-head screw (class 1)	M2×0.4
ER 616		M2.6×0.45

Japan Camera Industry Association Standard JCIS 10-70
Cross-recessed screw for precision equipment (No. 0 screw)