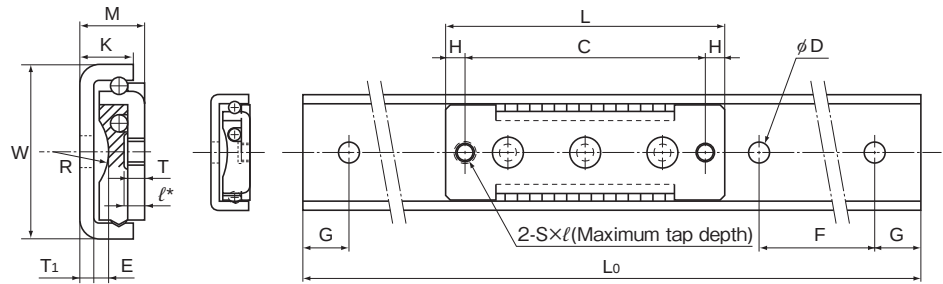


Model ER



Magnified view

Model No.	Inner block dimensions									
	Width	Height	Length						Maximum tap depth	
	W	M ±0.05	L	C	H	E	R	S	ℓ'	T
ER 513	13	4.5	22	7	7.5	1.1	4.2	M2	1.3	0.9
ER 616	15.6	6	36	29	3.5	1.7	9.2	M3	1.8	1.1
ER 920	20	8.5	46	40	3	2.3	7.3	M3	2.5	1.9
ER 1025	25	10	56	48	4	2.9	9.3	M4	2.8	2.2

Model number coding

2 ER616 C1 +95L

Model number Outer rail length (in mm)
Radial clearance symbol (*1)
Number of inner blocks used on the same rail
(no symbol for a single slider)

(*1) See **A6-5**.

A6-6

THK

Download data by searching for the corresponding
model number on the Technical Support site.

<https://tech.thk.com>

Unit: mm

Outer rail dimensions							Basic load rating		Mass	
	K	T ₁	D	L _o	F	G	C N	C _o N	Inner block g	Outer rail g/m
	4	1.1	2.4	40, 60, 80	20	10	54.9	72.5	2.4	166
	5.5	1.4	2.9	45, 70, 95	25	10	71.6	125	5.6	268
	7.5	1.9	3.5	50, 80, 110	30	10	144	201	14.4	474
	9	2.2	4.5	60, 100, 140	40	10	215	315	27	677

Note1) To fix the outer rail of models ER513 and ER616, use cross-recessed pan head screws for precision equipment (No. 0 screw). To fix the outer rail of models ER920 and ER1025, cross-recessed pan head screws.
Note2) * Set the screw length so that it does not exceed the "Maximum tap depth" ℓ.

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
ER 920	Cross-recessed pan head screw	M3×0.5
ER 1025		M4×0.7

- Japan Camera Industry Association Standard JCIS 10-70
Cross-recessed screw for precision equipment (No. 0 screw)
- Cross-recessed pan head screw JIS B 1111