



### Item Numbers

- **AC** = Crossed Roller Bearing / **VC** = Carbon Steel V-Grooved Crossed Roller Bearing
- **M** = Micrometer / **100** = 100 pitch screw / **130** = 130 pitch screw
- **I** = To order Imperial model please add \*I-\* to Item number

#### 1-axis

Item Number	Drive Type	Travel Guide	Moving Parallelism (mm)	Straightness of Travel (mm)	Travel Range (mm)	Repeatability (mm)	Weight / Load (kg)
<b>TS65-1</b>	M	AC	± 0.005	± 0.025	± 12.7	0.005	0.37 / 10
<b>TS65-1A</b>	100	AC	± 0.005	± 0.025	± 12.7	0.005	0.36 / 10
<b>TSS65-1</b>	M	CC	± 0.003	± 0.01	± 12.7	0.003	0.40 / 20
<b>TSS65-1A</b>	100	CC	± 0.003	± 0.01	± 12.7	0.003	0.39 / 20
<b>TSS65-1V</b>	M	CC	± 0.002	± 0.005	± 12.7	0.003	0.40 / 20

#### XY-axis

Item Number	Drive Type	Travel Guide	Moving Parallelism (mm)	Straightness of Travel (mm)	Travel Range (mm)	Repeatability (mm)	Weight / Load (kg)
<b>TS65-XY-1</b>	M	AC	± 0.01	± 0.025	± 12.7	0.005	0.7 / 10
<b>TS65-XY-1A</b>	100	AC	± 0.01	± 0.025	± 12.7	0.005	0.6 / 10
<b>TSS65-XY-1</b>	M	VC	± 0.006	± 0.01	± 12.7	0.003	0.9 / 20
<b>TSS65-XY-1A</b>	100	VC	± 0.006	± 0.01	± 12.7	0.003	0.85 / 20
<b>TSS65-XY-1V</b>	M	VC	± 0.004	± 0.005	± 12.7	0.003	0.9 / 20

#### XYZ-axis

Item Number	Drive Type	Travel Guide	Moving Parallelism (mm)	Straightness of Travel (mm)	Travel Range (mm)	Repeatability (mm)	Weight / Load (XY) (Y) (kg)
<b>TS65-XYZ-1</b>	M	AC	± 0.01	± 0.025	± 12.7	0.005	1.24 / (XY)10(Y)5
<b>TS65-XYZ-1A</b>	100	AC	± 0.01	± 0.025	± 12.7	0.005	1.22 / (XY)10(Y)5
<b>TSS65-XYZ-1</b>	M	VC	± 0.006	± 0.01	± 12.7	0.003	1.24 / (XY)20(Y)10
<b>TSS65-XYZ-1A</b>	100	VC	± 0.006	± 0.01	± 12.7	0.003	1.22 / (XY)20(Y)10
<b>TSS65-XYZ-1V</b>	M	VC	± 0.004	± 0.005	± 12.7	0.003	1.24 / (XY)20(Y)10

#### XZ-axis

Item Number	Drive Type	Travel Guide	Moving Parallelism (mm)	Straightness of Travel (mm)	Travel Range (mm)	Repeatability (mm)	Weight / Load (XY) (Y) (kg)
<b>TS65-XZ-1</b>	M	AC	± 0.01	± 0.025	± 12.7	0.005	0.74 / (XY)10(Y)5
<b>TS65-XZ-1A</b>	100	AC	± 0.01	± 0.025	± 12.7	0.005	0.72 / (XY)10(Y)5
<b>TSS65-XZ-1</b>	M	VC	± 0.006	± 0.01	± 12.7	0.003	0.74 / (XY)20(Y)10
<b>TSS65-XZ-1A</b>	100	VC	± 0.006	± 0.01	± 12.7	0.003	0.72 / (XY)20(Y)10
<b>TSS65-XZ-1V</b>	M	VC	± 0.004	± 0.01	± 12.7	0.003	0.74 / (XY)20(Y)10

◀ Item numbers for TS / TSS 65-series, please see the following page