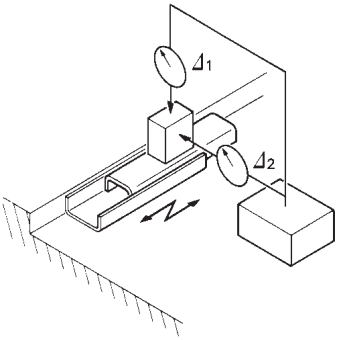
Precision Linear Slide Units

BSP, BSPG & BSR Series

BSP & BSPG SERIES



Generally, standard clearance is recommended for applications requiring low friction. T1 clearance is generally suitable for applications requiring more accurate linear movement.

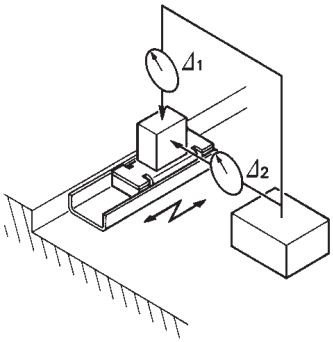
Clearance type and symbol	Clearance between raceways and balls µm
Standard (No symbol)	0 ~ +4
T1	-4 ~ 0

Bolt Size	Tightening Torque Nm
M2 x 0.4	**0.064**
M2.3 x 0.4	**0.100**
M2.6 x 0.45	**0.150**
M3 x 0.5	**0.230**

Accuracy of BSP & BSPG type

Stroke Length (over) mm	Stroke Length (including) mm	Parallelism in operation between bed centre and mounting surface of table Δ1 µm	Parallelism in operation between bed centre and reference mounting surface of table Δ2 µm
-	18	3	6
18	30	4	8
30	50	5	10
50	80	6	12

BSR SERIES



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M2.6 x 0.45	**0.150**
M3 x 0.5	**0.230**

Accuracy of BSR type

Stroke Length (over) mm	Stroke Length (including) mm	Parallelism in operation between slide unit centre and mounting surface of track rail Δ1 µm	Parallelism in operation between slide unit centre and reference mounting surface of track rail Δ2 µm
-	18	3	6
18	30	4	8
30	50	5	10
50	80	6	12