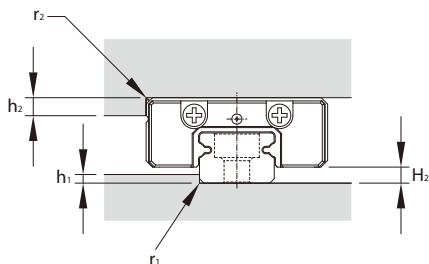


### MSD series

Unit: mm

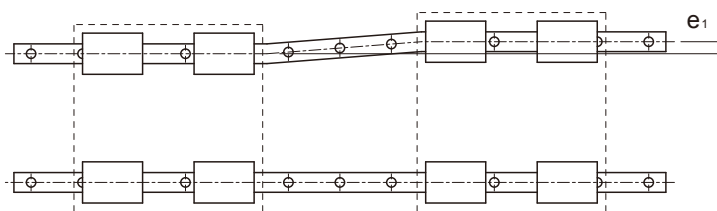


Model No.	$r_1$ (max.)	$r_2$ (max.)	$h_1$	$h_2$	$H_2$
7	0.2	0.2	1.5	3	2
9	0.2	0.3	3.2	3	3.7
12	0.3	0.4	3.5	4	4
15	0.5	0.5	3.5	5	4

### Dimensional Tolerance of Mounting Surface

The tolerances of parallelism between two axes are shown as below.

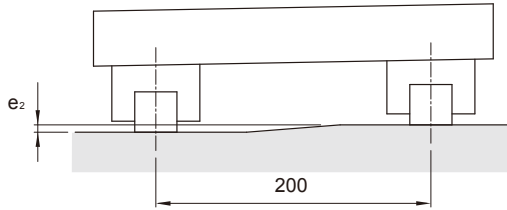
#### The parallel deviation between two axes ( $e_1$ )



Unit:  $\mu\text{m}$

Model No.	Preload Grade		
	FZ	FC	F0
MSC 7 MSD7	12	3	3
MSC 9 MSD9	15	4	3
MSC 12 MSD12	20	9	5
MSC 15 MSD15	25	10	6

## Level difference between two axes ( $e_2$ )



Unit:  $\mu m$

Model No.	Preload Grade		
	FZ	FC	F0
MSC 7 MSD7	25	25	6
MSC 9 MSD9	35	35	6
MSC 12 MSD12	50	50	12
MSC 15 MSD15	60	60	20

Note: The permissible values in table are applicable when the span is 200mm wide.