

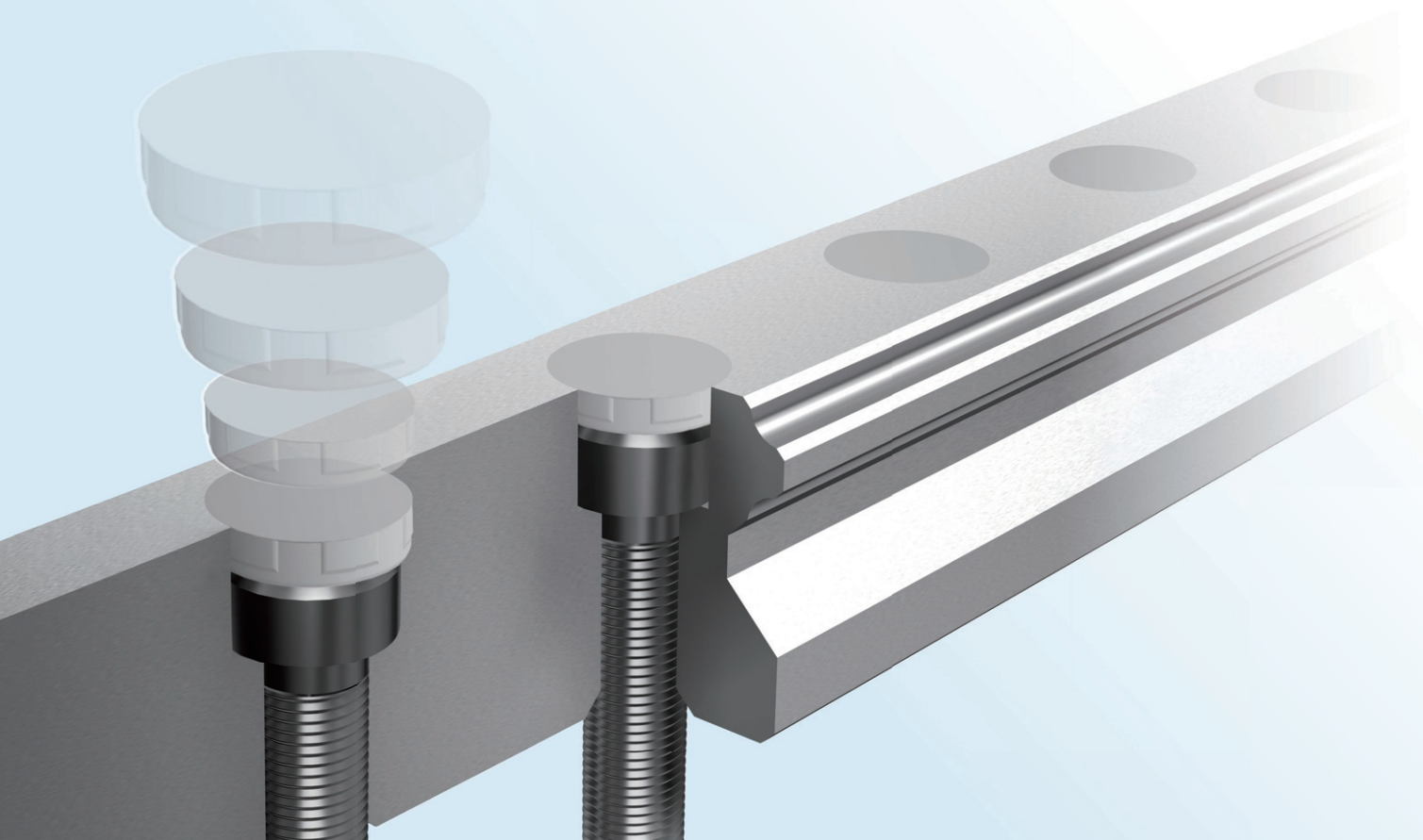
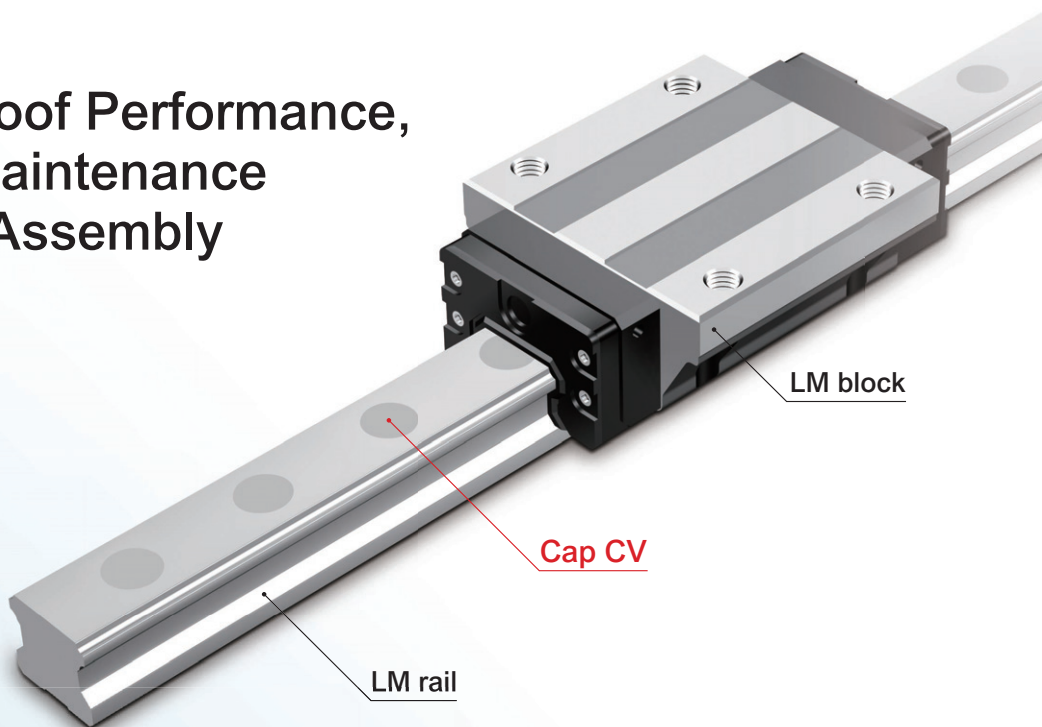
The dedicated cap for LM rail mounting holes

Cap CV

**Improves Dust-Proof Performance,
while Reducing Maintenance
Workload during Assembly**

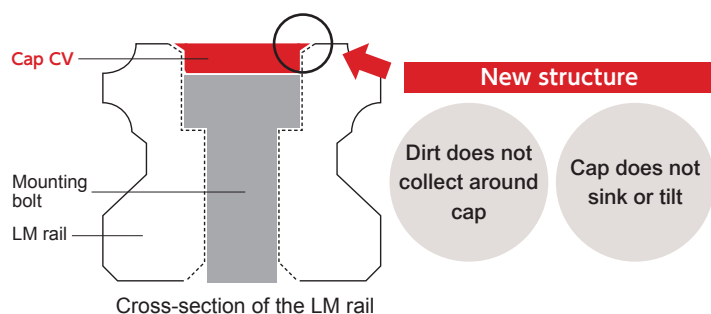
If cutting chips or other foreign material gets stuck in any of the LM rail mounting holes of an LM Guide, they may enter the LM block structure.

Using the dedicated caps to cover and protect the LM rail mounting holes will prevent this from happening.



Improving LM Block Dust-Proof Performance

Prevents subduction from the upper surface of the LM rail during use, and keeps foreign material from accumulating.



Ensures Stability During Assembly

Makes flush fitting of LM rails during assembly easier by maintaining the flatness of the LM rail mounting holes.

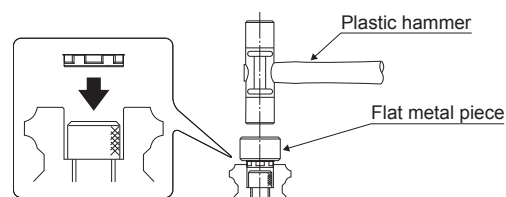
Reduces Burrs During Assembly

The burrs produced by fitting the LM rail are more fine, making them easier to remove.

How to Assemble

The procedure for assembling a CV cap into a mounting hole consists of using a flat aligning fitting to gradually punch the cap into the hole until it is level with the upper surface of the LM rail.

Remove any fine burrs produced as necessary.



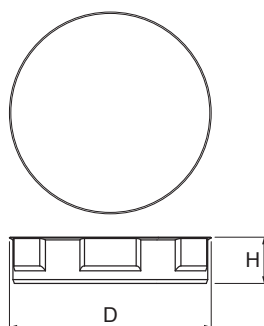
Supported model number

Model No.	Bolt used	LM Guide model number											
		SSR	SR	SVR SVS NR-X NRS-X	SHS HSR SCR CSR HCR	HMG	SHW HRW	SRG SRN	SRW	GSR	HR	SRS RSR	NSR- TBC
CV5	M5	25	25	25	20	—	—	20	—	20	2042	20	20
CV6	M6	25Y 30	25Y 30	30	25	25	35	25	—	25	—	25	25 30
CV8	M8	35	35	35	30 35	35	50	30 35	—	30	2555 3065	—	40
CV10	M10	—	45	—	—	—	60	—	70	35	3575	—	50
CV12	M12	—	55	45	45	45	—	45	85	—	4085	—	70
CV14	M14	—	—	55	55	—	—	55	100	—	—	—	—
CV16	M16	—	70 85	65	65	65	—	65	130	—	50105	—	—

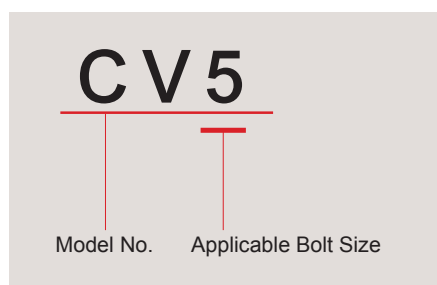
Specification Table

Unit : mm

Model No.	Cap CV	
	D	H
CV5	9.8	2.6
CV6	11.4	2.6
CV8	14.4	3.3
CV10	17.9	3.3
CV12	20.4	3.4
CV14	23.4	5.5
CV16	26.4	5.6



Model number coding



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Precautions on Use

- When installing CV caps, take care not to strike your hand with the hammer.
- Do not strike the CV cap if it is skewed or tilted.
- Take care not to push the CV cap deeper than the upper surface of the LM rail.
- Clean (wipe) the upper surface of the LM rail once the CV cap is installed.
- If this product will be used in special environments such as in a vacuum or at very low or high temperatures, contact THK.
- When using the product in special environments such as those with coolants or corrosive solvents, contact THK.