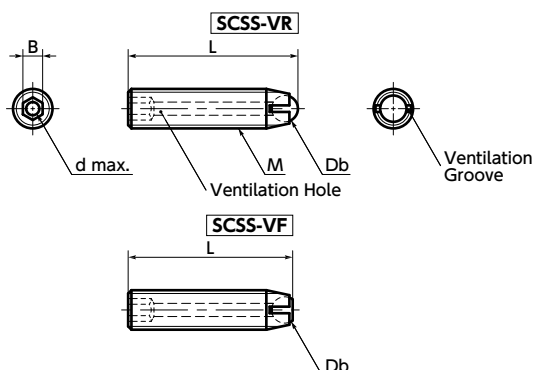




SCSS Clamping Set Screws with Ventilation Hole

Vacuum
 Cleanroom wash & packaging
 SUS Stainless steel



● Application

Fixing and locating workpiece, Vacuum devices, FPD production equipment, semiconductor devices

● Material/Finish



	SCSS
Main Body	SUSXM7 (Equivalent to SUS304)
Ball	SUS440C (Hardness 55 - 60HRC) Thin Fluorine Coating

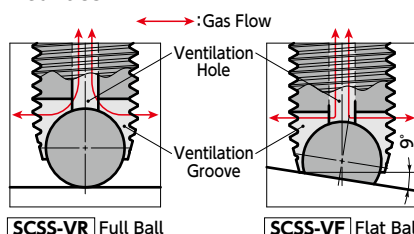
● Part number specification

SCSS-M6-25-VR



Batch cleanroom packing is provided for orders containing multiple items of the same size.

- This screw is used to secure work in vacuum devices and vacuum chambers, such as FPD production equipment and semiconductor devices.
- Cleanroom wash and cleanroom packing are completed. → P.xxxx
- The thin fluorine coating keeps the ball highly lubricated, even after cleanroom washing.
- Ventilation holes and grooves easily release gas trapped in machines.
- **SCSS-VR** has a full ball to firmly secure work at the contact point.
- The contact surface of **SCSS-VF** is a flat ball. Workpiece is not damaged. The ball rotates flexibly up to 9°. Clamps securely even the inclined surface.



SCSS-VR Full Ball

SCSS-VF Flat Ball

Unit : mm

SCSS-VR Full Ball		SCSS-VF Flat Ball		Common Dimensions					
Part Number	L	Part Number	L	M (Coarse)		Db	B	d	Mass (g)
				Nominal of Thread	Pitch				
SCSS-M5-8-VR	8.6	SCSS-M5-8-VF	8	M5	0.8	3	2.5	1.5	0.8
SCSS-M5-12-VR	12.6	SCSS-M5-12-VF	12	M5	0.8	3	2.5	1.5	1.3
SCSS-M5-20-VR	20.6	SCSS-M5-20-VF	20	M5	0.8	3	2.5	1.5	2.3
SCSS-M6-10-VR	10.8	SCSS-M6-10-VF	10	M6	1	4	3	2	1.5
SCSS-M6-16-VR	16.8	SCSS-M6-16-VF	16	M6	1	4	3	2	2.5
SCSS-M6-20-VR	20.8	SCSS-M6-20-VF	20	M6	1	4	3	2	3.4
SCSS-M6-25-VR	25.8	SCSS-M6-25-VF	25	M6	1	4	3	2	4
SCSS-M8-10-VR	11.2	SCSS-M8-10-VF	10	M8	1.25	5.5	4	2	2.5
SCSS-M8-12-VR	13.2	SCSS-M8-12-VF	12	M8	1.25	5.5	4	2	3.2
SCSS-M8-20-VR	21.2	SCSS-M8-20-VF	20	M8	1.25	5.5	4	2	5.7
SCSS-M8-25-VR	26.2	SCSS-M8-25-VF	25	M8	1.25	5.5	4	2	7.7
SCSS-M8-30-VR	31.2	SCSS-M8-30-VF	30	M8	1.25	5.5	4	2	9
SCSS-M10-16-VR	17.7	SCSS-M10-16-VF	16	M10	1.5	7	5	3	5
SCSS-M10-20-VR	21.7	SCSS-M10-20-VF	20	M10	1.5	7	5	3	7
SCSS-M10-25-VR	26.7	SCSS-M10-25-VF	25	M10	1.5	7	5	3	9.5
SCSS-M10-35-VR	36.7	SCSS-M10-35-VF	35	M10	1.5	7	5	3	11

Individual Sales → P.xxxx	Cleanroom Wash & Packaging → P.xxxx	Screw Length Adjustment → P.xxxx	Vibration Resistant → P.xxxx	Modification process for captive use → P.xxxx
1 piece in 1 pack	Cleanroom washed and packed	Not Available	Not Available	Not Available