

## EM-Tec G0, G1, G2 & G4 geological thin section and slide holders with S-clips



### Products

- [12-000260](#) EM-Tec G0 universal thin section slide holder for up to 75x50mm slides, pin
- [12-000360](#) EM-Tec G0 universal thin section slide holder for up to 75x50mm slides, M4
- [12-000261](#) EM-Tec G1 single geological thin section holder for up to 47x27mm, pin
- [12-000361](#) EM-Tec G1 single geological thin section holder for up to 47x27mm, M4
- [12-000262](#) EM-Tec G2 twin geological thin sections holder for up to 47x27mm, pin
- [12-000362](#) EM-Tec G2 twin geological thin sections holder for up to 47x27mm, M4
- [12-000264](#) EM-Tec G4 four geological thin sections holder for up to 47x27mm, pin
- [12-000364](#) EM-Tec G4 four geological thin sections holder for up to 47x27mm, M4

### Description

The EM-Tec G0, G1, G2 and G4 geological thin section holders are designed to hold geological thin sections or petrographic slides. The EM-Tec G0 holders have two open sides and can hold slides up to 75 x 50mm. The EM-Tec G1, G2 and G4 holders all include pockets which are designed to hold slides up to 47 x 27mm. The slides are held with two S-Clips to push the slide down on the holder plate; thin slide are secured in the pockets. Loading and unloading is made easy with side grooves to facilitate tweezers tips..

### Operation

Consider wearing gloves and using tweezers to avoid contamination. Before loading a petrographic slide, turn the S-Clips away from the sample area and let them rest on the side. Load the petrographic slide and check that it fits into the pocket. Position the S-clips back over the slide to push down the slide. To make rotating the S-Clips easier, it might be needed to unscrew the brass screw half a turn. The S-Clips can be lifted at the tips with tweezers. Only position the S-Clips over an unused area of the slide. To ensure conductivity, position the clips on a coated area.

## Specifications

Geological slide capacity G0:	1 up to 75 x 50mm
Geological slide capacity G1:	1 up to 47 x 27mm
Geological slide capacity G2:	2 up to 47 x 27mm
Geological slide capacity G4:	4 up to 47 x 27mm
Dimensions G0:	52 x 32 x 7mm
Dimensions G1:	56 x 30 x 7mm
Dimensions G2:	58 x 56 x 7mm
Dimensions G4:	107 x 58 x 7mm
SEM stage compatibility - standard pin:	#12-000260,12-000261, 12-000262 & 12-000264
- EM-Tec stage adapters M4:	#12-000360,12-000361, 12-000362 & 12-000364
- Hitachi M4	#12-000360,12-000361, 12-000362 & 12-000364
Material for holder plate:	Vacuum grade aluminium
Material for S-Clips:	Beryllium copper
Material for screws:	Brass

## Maintenance

The EM-Tec geological thin section and slide holders are maintenance free. Do not use oil or grease on S-Clip or screw; this will cause contamination in the SEM. Spare S-Clips can be reordered using product number: #12-000900. Screw used for the S-Clips: M2 x 3mm

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