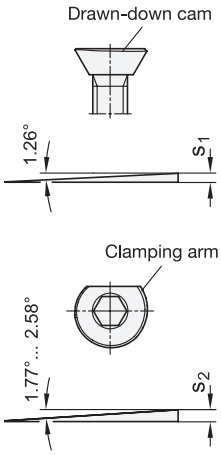
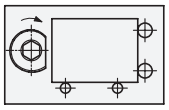


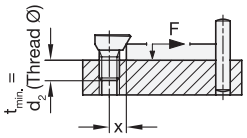
Function

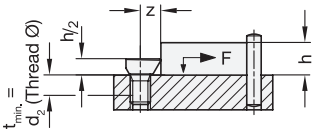
The head of the cam point screw has two cams: a radial clamping cam (with additional 30° taper) and an axial draw-down cam.

The cam ensures that the clamping force is the same in any angular position. The cam is also self-locking.

Force components act on the clamping point which generates a draw-down effect and, in addition to the friction, cause the workpiece to be pressed up against a fixed stop. An additional draw-down effect is created by the thread and the 30° taper.



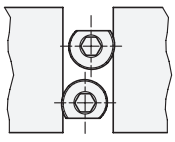




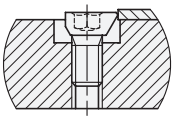
Assembly instructions

- Position the threaded hole/s as specified.
- Screw the cam point screw in to the desired height and place it with its flat side facing the workpiece (note the minimum screw-in depth t)
- For clamping effect above the head taper, the minimum clamping height should be h_2
- A turn of approx. 135° is required for clamping

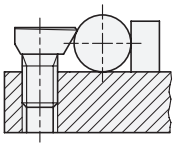
Application examples



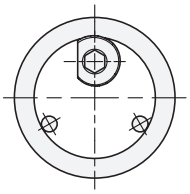
Multiple clamps in the narrowest of space



Clamping flat workpieces (sheet metal)



Clamping round workpieces



Centric clamping in a bore hole