



12680

SUPPORTS & STOPS

Material

Body: steel case-hardened, nitrided, blackened and ground.
Housing: aluminium, red anodised.

Technical Notes

Used to support over determined clamping points, whilst minimising deformation of component. It also reduces vibration during machining.

By tuning on the lock function (max. 180° at 15Nm), the clamping mechanism locks the support pin without moving. The support element has supported the workpiece and is locked in place.

Tips

Assembly:

Fix the support element (2x M6 thread) onto the device. Ensure the key activation is in required orientation.

Alternatively: Dismantle the M12 x 10 threaded pin and replace it by an M12x 30 threaded pin and assemble the support element with a spanner (A/F 21), e.g for T-slot mounting (no pin M12x 30 and T-nut 24000 M12x 14, grade 10, are parts of the standard supply volume. The support element can be recessed into a hole max. 16mm deep.

Operation:

By turning the clamping cam (A/F 6 internal hexagon) on the outer surface of the re protective sleeve, the support pin contacts the workpiece with a slight spring

load.

1. By turning on (15Nm) as far as possible (lock), total of 180°, the clamping mechanism locks the support pin without moving. The support element has been placed onto the workpiece and locked.
2. If turned in the opposite directions (unlock), the clamping is released. If turned back as far as possible, i.e. total of 180° the support pin moves to the end position.

Order No.	Description	Stroke	Supporting force kN max.	Weight g
12680.W0400	Support Element	5	8	950

