

ECH, ECM-series, pull down clamps



- Low profile clamp for unobstructed top face machining
- Independent horizontal and vertical movement for a true pull down effect
- Compact size and low height allows more flexible and economic mounting than comparable dedicated vise
- Manifold and BSPP porting
- Contamination resistant design for low maintenance, removable guard for chip removal
- Oil ports on both sides for mounting flexibility
- Optional mechanical counter hold provides pull down on end stop for large parts
- Mounting bolts included for ease of installation

Lateral Clamping Force at 350 bar	Pull Down Force at 350 bar	Stroke	Model Number	Effective Area	Oil Capacity	Mounting Bolts * included	Mechanical Counter Holds **
				cm ²	cm ³	mm	
kN	kN	mm					
3,9	1,3	5,1	ECH-52	1,16	0,13	M8 x 45	ECM-52
17,4	5,8	7,9	ECH-202	5,03	1,07	M12 x 80	ECM-202

* Torque M8 with 25 Nm, M12 with 85 Nm. The use of T-nuts requires longer bolts.

** Mechanical counter holds are sold separately.