

## MP series, Collet-Lok® push cylinders



- Collet-Lok® Push Cylinders Ideal when live hydraulics are not available. Clamping is sustained mechanically so live hydraulics are not required during the machining cycle.
- Double-acting Collet-Lok® action allows fully automated operation
- Additional level of safety because live hydraulics are not required
- Collet-Lok® push cylinders can either be mounted by the flange, or threaded into the fixture
- The Collet-Lok® design is an industry exclusive

Push Force	Plunger Stroke	Model Number		Operating Pressure		Hydraulic Effective Area	Oil Capacity			Max Oil Flow
		Lower Flange	Threaded Body	bar		cm <sup>2</sup>	cm <sup>3</sup>			
				min.	max.	lock	adv.	unlock	retr.	
kN	mm									l/min
11,1	15,0	<b>MPFC-110</b>	<b>MPTC-110</b>	50	350	3,23	4,92	6,06	3,93	9,8
22,2	15,0	<b>MPFC-210</b>	<b>MPTC-210</b>	50	350	6,39	10,00	10,00	6,06	9,8
39,1	15,0	<b>MPFC-410</b>	<b>MPTC-410</b>	50	350	11,35	16,88	16,06	10,98	9,8

Maximum cycle rate: 8 cycles/min.