



SP140 & K02 Installation Clamping Modules

Zero-point clamping system for set-up-time-optimized clamping. The compact size makes them ideal for light duty applications where space is very limited. Pneumatic pressure can be plumbed with internal porting in plate or externally with tubing via threaded port.

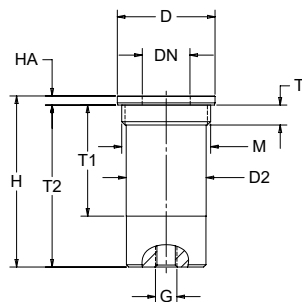
- Repeatability <0.02mm (0.0008")
- Mechanical Lock/Pneumatic Unlock
- Opening operating pressure: Min 6 bar (87 psi) / Max 12 bar (174 psi)
- Installation diagrams available on request



SP140



K02



Applications

- Quick change system for vise or gripper jaws
- Electronic component manufacturing
- Medical Technology
- Automation

Part Number	Size	Pull-In Locking Force Up to N (lbs)	Holding Force N (lbs)	D (mm)	DN (mm)	D2 (mm)	G	H (mm)	HA (mm)	M	T (mm)	T1 (mm)	T2 (mm)	Weight (g)
566831	SP140	70 (16)	500 (112)	15	7	12	M3	20	1	M13 x 0.5	3.5	-	19	12
427286	K02	235 (53)	6000 (1349)	22	10	18	M5	38.5	2.05	M20 x 1.5	4.5	25	36.45	48

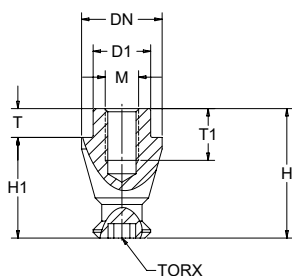
Note: The installation clamping module has high holding, pull-in and locking forces. This is opened pneumatically (1) and mechanically locked through spring force. Subsequent uncoupling of the pressure lines is possible at all times (module is tensioned pressure-free). *Please observe the installation instructions.

SP140 & K02 Pull Studs

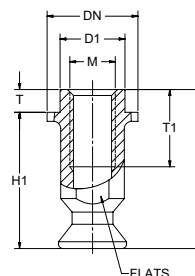
- Hardened Stainless Steel for pneumatic clamping modules
- Installation diagrams available on request



SP140



K02



Part Number	Size	Description	DN (mm)	D1 (mm)	H (mm)	H1 (mm)	M	T (mm)	T1 (mm)	Wrench Flats	TORX	Weight (g)
564840	SP140	Zero Point Stud	7	5	11.2	8.7	M3 x 0.5	2.5	4.5	-	T8	2
564841	SP140	Timing Stud	7	5	11.2	8.7	M3 x 0.5	2.5	4.5	-	T8	2
564842	SP140	Clearance Stud	6.96	5	11.2	8.7	M3 x 0.5	2.5	4.5	-	T8	2
427302	K02	Zero Point Stud	10	7.14	17.5	15	M5 x 0.8	2.5	8.5	6	-	4
427328	K02	Timing Stud	10	7.14	17.5	15	M5 x 0.8	2.5	8.5	6	-	4
427344	K02	Clearance Stud	9.95	7.14	17.5	15	M5 x 0.8	2.5	8.5	6	-	4





Application Images

