

Z-Flex

Workpiece positioning system

Height adjustable, manual zero point clamping system for workpiece direct clamping

- Single quick-actuation for the rapid opening and closing
- Fully sealed

Application/customer benefits

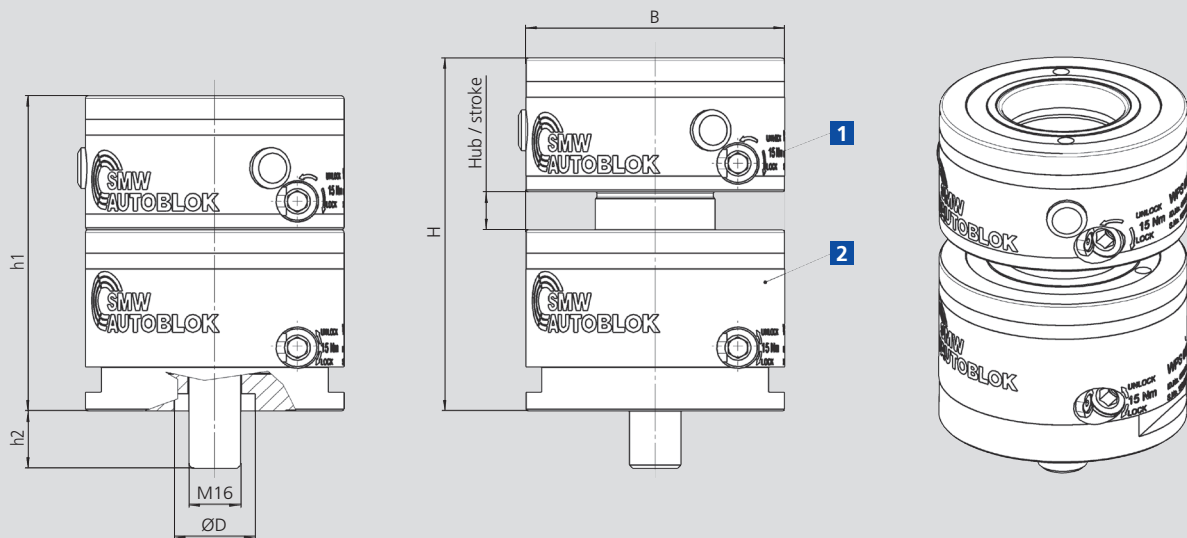
- Huge reduction of set-up times for highest efficiency
- Continuous height adjustment
- Ideal for 5-axis machining
- Single quick-actuation for the rapid opening and closing of the modules with only 3.5 rotations
- Flexible configurations for customized use
- Interchangeable to the proven zero point system APS

Technical features

- Diameter 80 mm
- Stroke 12 mm
- Pull-in force / max. torque 15 kN / 15 Nm
- Max. axial load 800 kg
- Repeatability < 0.005 mm
- Holding force 50 / 75 kN (M12 / M16) depending on thread of clamping pin
- 3 clamping slides for maximum hold while clamping
- **proofline®** = fully sealed - low maintenance



Subject to technical changes.



WPS Z-Flex (Id. Nr. 460264) = WPS clamping module top (Id. No. 460265) **1** + WPS clamping module bottom (Id. No. 460266) **2**

Technical data

SMW-AUTOBLOK Type		WPS Z-Flex 080-100
		460264
B	mm	Ø 80
D / Depth	mm	Ø 25H6 / 5.5
H	mm	100 - 112
h1	mm	100
h2	mm	18.2
Stroke	mm	12
Pull-in force	kN	15
Repeatability	mm	< 0.02
Holding force M12	kN	25* / 50*
Holding force M16	kN	40** / 75**

* Holding force for ISO 4762 M10x45 - 12.9 / Holding force for ISO 4762 M12 - 12.9 (see clamping pins)

** Holding force for ISO 10642 M12x55 - 10.9 / Holding force for ISO 4762 M16 - 12.9 (see clamping pins)