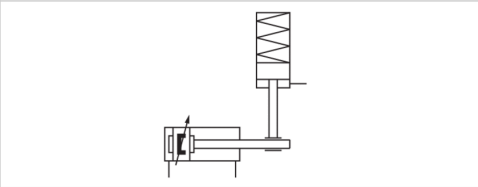




Holding unit, Series HU1

- Ø 20-25 mm
- hold: spring force, release: compressed air



Function	Hold with clamping jaws
Release pressure	4 ... 8 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Weight	0,11 kg

Technical data

Part No.	Piston Ø	suitable piston rod Ø	Piston rod extension	Compressed air connection	Static holding force
0821401163	20 mm	8 mm	54 mm	M5	300 N
0821401164	25 mm	10 mm	51 mm	M5	400 N

Holding force at 0 bar

Technical information

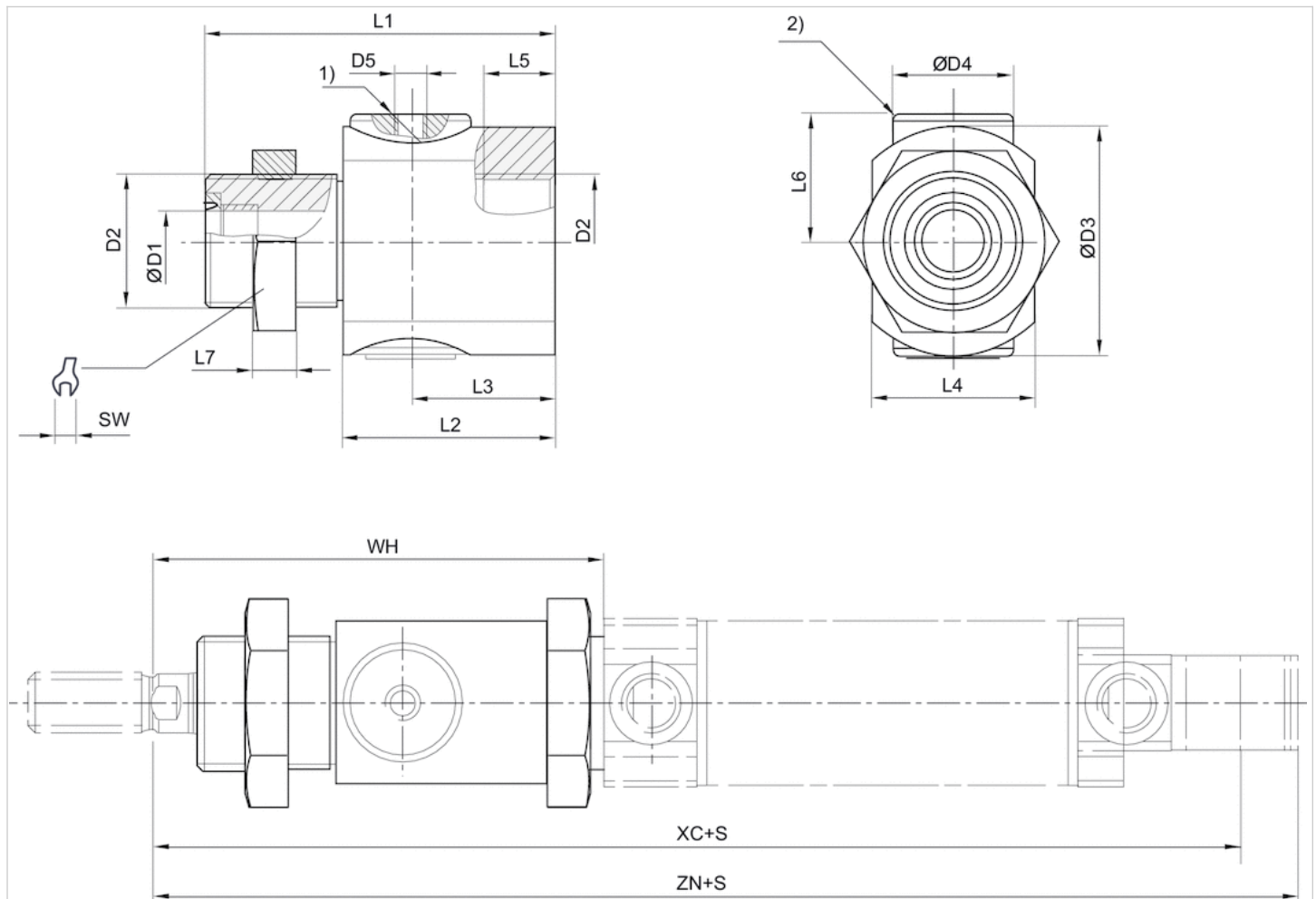
Warning: The holding unit may not be used for the following applications: 1) for dynamic holding 2) in or as safety equipment
Holding unit may only be unlocked when turned off.
Make sure that the load direction does not change during a holding interval. A change in the direction of force, as well as external forces such as impacts, strong vibrations, or torsional forces, will briefly release the piston rod and may destroy the HU1 holding unit.
When clamped, there must be no residual pressure on the holding unit (0 bar).
Note:The minimum control pressure is >= the working pressure of the cylinder!

Technical information

Material	
Housing	Aluminum, black anodized

Dimensions

Dimensions



- 1) air connection
2) Holding cartridge
S = stroke

Dimensions

Piston Ø	ØD1	D2	ØD3	ØD4	D5	L1	L2	L3	L4	L5	L6	L7	SW	WH	XC	ZN
20 mm	8	M22x1,5	38	20	M5	58	35	24	27	12	21	7	30	78	149	163.5
25 mm	10	M22x1,5	38	20	M5	58	35	24	27	12	21	7	30	79	155	170.5