

Mini Pneumatic Power Clamp

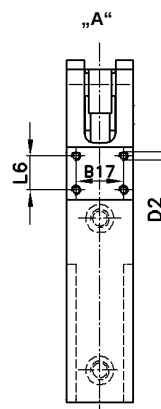
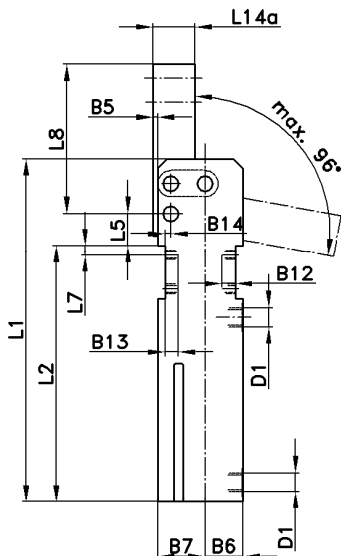
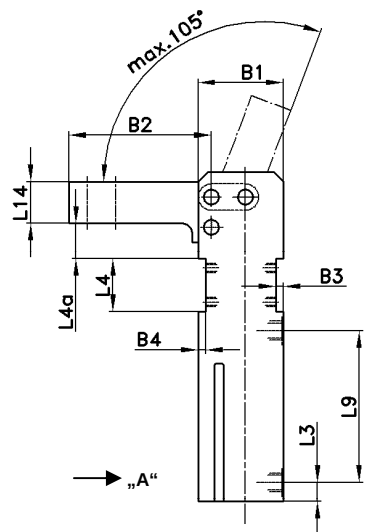
Lightweight construction, knee lever locked end position

PKS 16.1-25.1

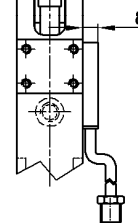
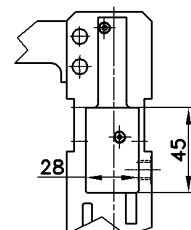
Standard design

PKS... .1

PKS2... .1

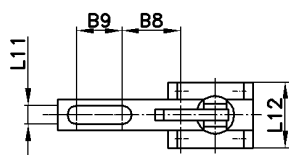


PKS 25.1 T12

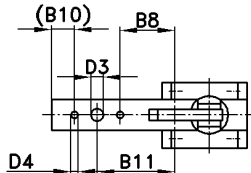


Clamp arm versions:

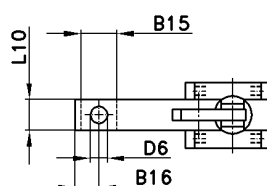
version A17



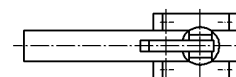
version A18



version A19

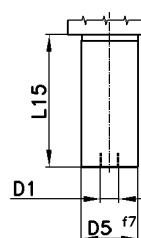


version A00

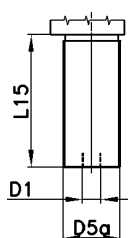


further cylinder designs:

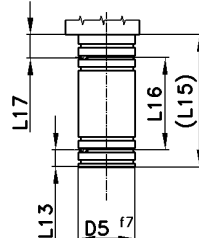
round design
PKSR...



design with thread
PKSG...



cartridge design
PKSP...



Ordering example:

PKS 20.1 A17 T03 90°

PKS: Type
20.1: Piston Ø
A17: Clamp arm version
T03: Sensing system
90° Opening angle

Ordering example Tünkers sensing systems:

...T03 Magnetic sensing, without magnetic switches prepared for sensing (available only for standard design PKS...)
...T23 Magnetic sensing, including 2 magnetic switches mounted on clamp
...T12 Inductive sensor (only PKS 25.1)

Opening angles:

45°, 60°, 75°, 90°, 96°, 105°

Please ask for data sheet „Mounting guidelines cartridge design cylinder“.

*Tolerance for dowel holes ± 0.02, for threaded holes ± 0.1.

Type	Clamping moment at 5 bar (Nm)	Holding torque max. (Nm)	Working pressure in oil-free air (bar)	Maximum pressure in oil-free air (bar)	Connection (G)	Opening and closing time (approx. sec.)	Weight (kg)
PKS 16.1	8	25	5	6	M5	1	0.3
PKS 20.1	15	54	5	6	G1/8	1	0.5
PKS 25.1	25	75	5	6	G1/8	1	0.8

Type	L1	L2	L3	L4 +0.1	L4a	L5	L6 *	L7	L8	L9 *	L10	L11	L12	L13 *	L14	L14a	L15	L16	L17	L18	B1	B2	B3
PKS 16.1	123	96	12	20	7.5	7.5	10	5	50	57	10	5.5	26	16	15	12	61	39	5.5	16.5	32	50	2.5
PKS 20.1	158	120	15	25	15	14	15	5	60	69	12	6.5	30	20	18	16	74	50	11	22	39	60	3
PKS 25.1	182	136	17.5	28	19	17	18	5	75	80	16	8.5	35	25	22	18	86	61	12	22	45	75	4

Type	B4	B5	B6 *	B7 *	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	D1	D2	D3	D4 H7	D5 f8	D5a	D6
PKS 16.1	2.5	2	14	18	28	16	6	36	5	7	3.5	12	9	16	M5	M5	5.5	4	Ø25	M25x1.5	6.5
PKS 20.1	3	3	17	22	32	20	8	42	6	8	4	12	9	20	G1/8	M5	6.5	5	Ø30	M30x1.5	6.5
PKS 25.1	4	4	20	25	40	25	10	52.5	6	8	3	12	9	25	G1/8	M5	8.5	6	Ø35	M35x1.5	6.5

