

PTP-N PTP-L PTP-F

Protected Pneumatic Twin Vise

- Pneumatic version
- Pneumatic open/close control (stroke control) master jaws valve

- PTP-N: Normal stroke
- PTP-L: Long stroke
- PTP-F: One fixed jaw

Application/customer benefits

- Compact design
- Master jaws guide protected against swarf and chips
- Highest repeatability
- Highest rigidity
- Linear pressure adjustment

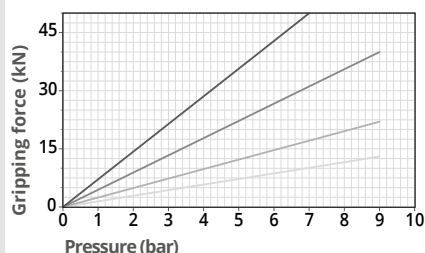
Standard equipment

Self-centering vise without top jaws
All bolts and centering bushings included

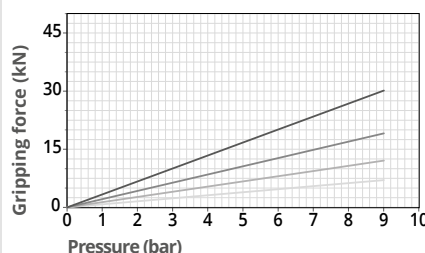
Technical features

- Housing and functional parts hardened for high precision and long life
- Ready for air purge
- Ready for central grease lubrication
- Master jaws with both Tongue & Groove and fine serration 1,5mmx60°
- OD and ID clamping
- Pneumatic open/close control (stroke control) master jaws valve (optional)
- Air sensing
- Lubrication with SMW-Autoblok K67 grease
- Stroke control via proximity switches (optional) on all types and sizes except 100 PTP-F
- For 100 PTP-F only one stroke control via proximity switch for full closed vise

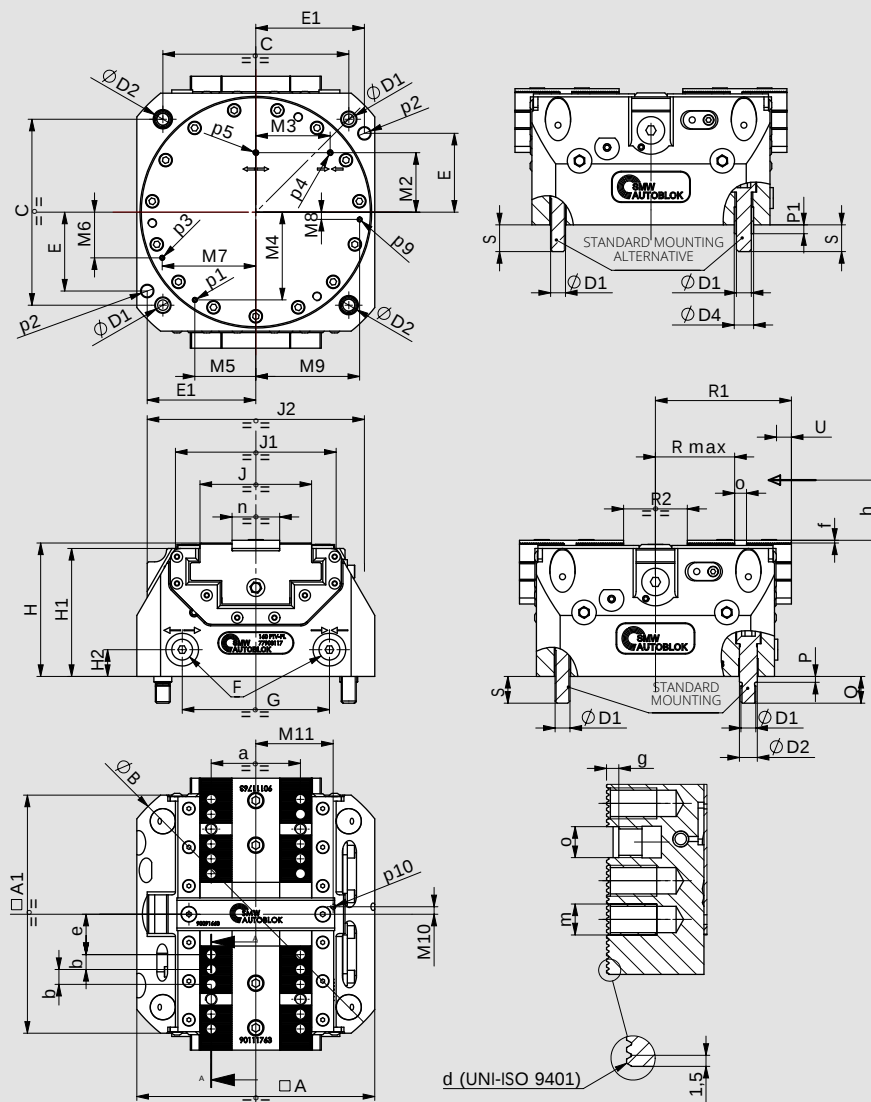
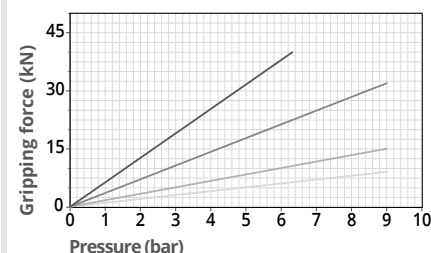
PTP-N 100 125 160 200



PTP-L 100 125 160 200



PTP-F 100 125 160 200



Subject to technical changes

TECHNICAL DATA

TYPE	Id. No.	STROKE TYPE	MAX CLAMPING FORCE	STROKE/JAW	PISTON AREA	MAX OPERATING PRESSURE	REPEATABILITY	WEIGHT
100 PTP-N	77905211	NORMAL	13 kN	2,6 mm	45 cm ²	9 bar	0.01 mm	5,5 Kg
100 PTP-L	77905311	LONG	7 kN	6 mm				
100 PTP-F	77905411	FIXED JAW	9 kN	6 mm				
125 PTP-N	77905212	NORMAL	22 kN	2,6 mm	78 cm ²	9 bar	0.01 mm	7 Kg
125 PTP-L	77905312	LONG	12 kN	6 mm				
125 PTP-F	77905412	FIXED JAW	15 kN	6 mm				
160 PTP-N	77905217	NORMAL	40 kN	3 mm	128 cm ²	9 bar	0.01 mm	13 Kg
160 PTP-L	77905317	LONG	19 kN	8,4 mm				
160 PTP-F	77905417	FIXED JAW	32 kN	8,4 mm				
200 PTP-N	77905221	NORMAL	50 kN	4,2 mm	194 cm ²	7 bar	0.02 mm	23 Kg
200 PTP-L	77905321	LONG	30 kN	10,2 mm		9 bar		
200 PTP-F	77905421	FIXED JAW	38 kN	10,2 mm		6 bar		

PTP		100	125	160	200
A		100	125	160	200
A1		110	125	160	200
B(Ø)		136	162	205	255
C		80	100	125	160
D1(Ø)		M8	M8	M10	M12
D2 (Øf7)		10	10	12	14
D4 (Øjs7)		11	11	13	16
E		32	/	53	73
E1		45	/	73	92
F		M5	M5	G1/8"	G1/8"
G		59	59	99	127
H		75,5	80,5	89,7	97
H1		72	77	86	93
H2		15	17	18	18
J		47	47	75	94
J1		82	100	108	144
J2		100	121	146	166
M2		32	32	40	50
M3		29,5	29,5	50	65
M4		34,2	40,5	59	72,8
M5		27,7	38,5	41	52,9
M6		14,2	10,6	30,7	39,5
M7		41,1	54,5	62,9	80,9
M8		8,3	4,8	4,9	9,4
M9		42,7	55,3	69,8	89,5
M10		5	5	5	8
M11		34	34	52	60
P		4	4	4	5
P1		4	4	6	6
Q		15	15	18	20
R max	MIN/MAX (LONG STROKE)	25.6/31.6	25.6/31.6	44.8/53.2	54.5/64.7
R max	MIN/MAX (NORMAL STROKE)	25.4/28	25.4/28	45/48	54.5/58.7
R max	MIN/MAX (FIXED JAW)	25.6/31.6	25.6/31.6	44.8/53.2	54.5/64.7
R1	MIN/MAX (LONG STROKE)	57.5/63.5	64,5/70,5	82.5/90.9	102.5/112.7
R1	MIN/MAX (NORMAL STROKE)	57.4/60	64.4/67	82.5/85.5	102.8/107
R1	MIN/MAX (FIXED JAW)	57.5/63.5	64,5/70,5	82.5/90.9	102.5/112.7
R2	MIN/MAX (LONG STROKE)	20/32	20/32	26/42.8	30/50.4
R2	MIN/MAX (NORMAL STROKE)	19.8/25	19.8/25	26/32	30.6/39
R2	MIN/MAX (FIXED JAW)	20/26	20/26	26/34.4	30/40.2
S		15	15	18	20
U	LONG STROKE	6	6	8.4	10.2
U	NORMAL STROKE	2.6	2.6	3	4.2
U	FIXED JAW	6	6	8.4	10.2
a		35	35	60	80
b		7	7	10	10
d	SERRATION	1,5x60°	1,5x60°	1,5x60°	1,5x60°
e	MIN/MAX (LONG STROKE) (FIXED JAW)	14.6/20.6	14.6/20.6	18.8/27.2	28.5/38.7
e	MIN/MAX (NORMAL STROKE)	14.4/17	14.4/17	19/22	28.5/32.7
f		1.8	1.8	1.8	2
g		2.7	2.7	3.2	4
h		16	16	25	35
m		M6x10	M6x10	M8x12	M8x12
n (g6)		20	20	32	40
o (H7)		6	6	8	8
p1	LUBRICATION FITTING	M4	M4	M4	M4
p2 (øH7)		/	/	8x14	8x14
p3	PNEUMATIC OPEN/CLOSE- STROKE CONTROL M.JAWS OR AIR PURGE	M4	M4	M4	M4
p4	WISE CLOSE	M4	M4	M4	M4
p5	WISE OPEN	M4	M4	M4	M4
p9	AIR SENSING CONNECTION	M4	M4	M4	M4
p10	AIR SENSING OUTLET (UNDER FRONT PLATE)	M4	M4	M4	M4