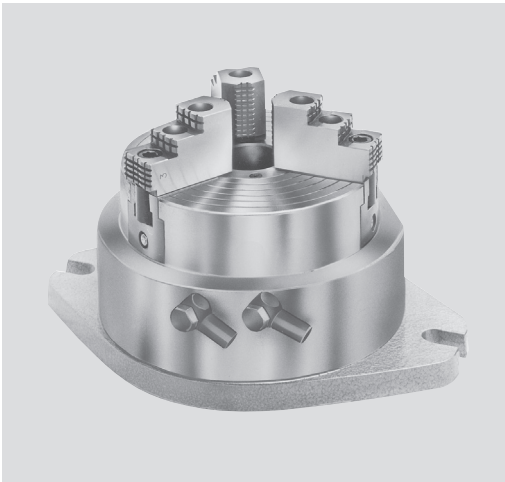


# STP

INCH SERRATION  
3 jaws

## Stationary chuck, pneumatic Ø 125 - 280 mm

- Built-in cylinder
- With through-hole



### Application/customer benefits

- Self centering stationary chuck used on milling machines / machining centers / special machines
- Low profile - large open center
- Easy installation on the machine

### Technical features

- Stationary chuck consisting of a 3-jaw chuck with a built-in pneumatic cylinder
- Operating pressure from 2 to 10 bar

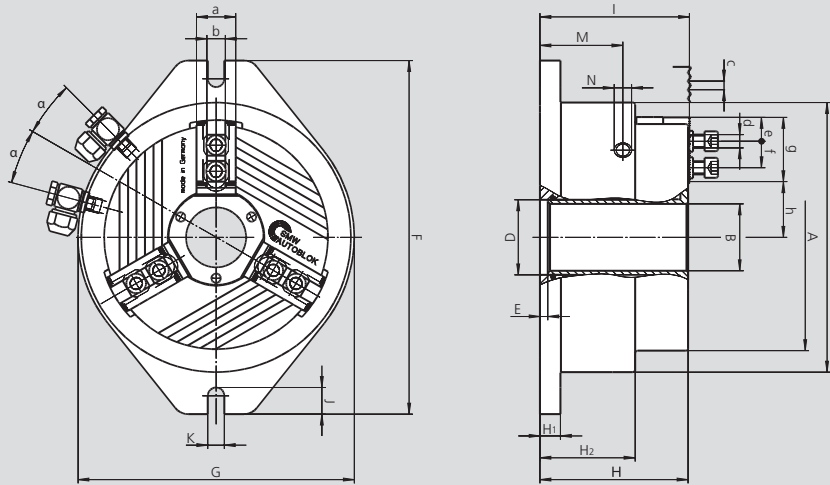
**Caution!** A service unit consisting of a filter, dryer and oiler must be installed in the supply line.

### Standard equipment

- Stationary chuck
- 1 set T-nuts with bolts
- 1 set of soft blank top jaws
- 2 elbow fittings G1/4"
- (G1/8" on STP 125)

### Ordering example

Stationary chuck STP 280 (3 jaws)



Subject to technical changes.  
For more detailed information please ask our customer service.

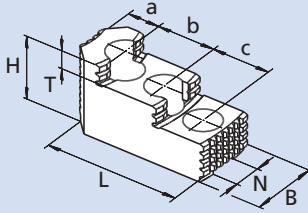
## Technical data

SMW-AUTOBLOK Type Id. No.		STP 125 013904	STP 160 013905	STP 240 053273	STP 280 052810
	<b>A</b> mm	136	171	240	284
	<b>B</b> mm	26	38	78	92
	<b>C</b> mm	156	201	250	316
	<b>D</b> H6 mm	34	46	86	102
	<b>E</b> mm	8	7.5	7	6
	<b>F</b> mm	220	275	320	400
	<b>G</b> mm	160	206	250	316
	<b>H</b> mm	102.5	130	134	155.5
	<b>H1</b> mm	14.5	19	18.5	23.5
	<b>H2</b> mm	66	83	86	97.5
	<b>I</b> mm	104	132	135.5	157
	<b>J</b> mm	22	24	24	30
	<b>K</b> mm	13	15	15	18
	<b>M</b> mm	57	72	75	86
Pneumatic connections	<b>N</b> inch	G 1/8"	G 1/4"	G 1/4"	G 1/4"
	<b>a</b> mm	25	30	36	44
	<b>b</b> f7 mm	12	14	17	21
Serration	<b>c</b> inch	1/16" x 90°	1/16" x 90°	1/16" x 90°	1/16" x 90°
Bolt ISO 4762 12.9	<b>d</b> mm	M8 x 30	M10 x 35	M12 x 35	M16 x 40
Min.	<b>e</b> mm	4	6	8	12
T-nuts distance min. / max.	<b>f</b> mm	17/25	17/31	22/41.5	25/51
Serration length	<b>g</b> mm	40	50	59	75
Min. / max.	<b>h</b> mm	25.9 / 28.9	24.9 / 37	57.7 / 61.9	70 / 65
	<b>α</b> deg.	15	15	15	7.5

<b>Radial jaw stroke</b>	mm	3	4.1	4.2	5
<b>Operating pressure</b> min. / max.	bar	2 / 10	2 / 10	2 / 10	2 / 10
<b>Piston area</b>	cm <sup>2</sup>	129	206	290	532
<b>Gripping force</b> at 6 bar	kN	20	35	60	95
<b>Air consumption</b> at 6 bar	l	1	2.4	5.5	6.6
<b>Weight</b> (without top jaws)	kg	19	21	40	56

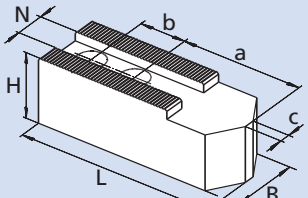
- Top jaws
- T-nuts

### MHB-D Hardened reversible top jaws



Chuck Type	STP 125	STP 160	STP 240	STP 280
Jaw type	MHB-D 125	MHB-D 160	MHB-D 200	MHB-D 251
Id. No. (set)	12081306	12081636	12082036	12083036
B	30	34	40	5
H	34	39	45	56
L	58	65	82	105
T	8.5	10	10.5	13.5
N	12	14	17	21
Serration	1/16" x 90°	1/16" x 90°	1/16" x 90°	1/16" x 90°
a	13	18	19	26
b	16	16	23	30
c	16	16	23	30
kg / set	0.6	0.9	1.7	2.85

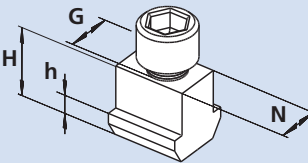
### AWB-D Soft top jaws



Chuck Type	STP 125	STP 160	STP 240	STP 280
Jaw type	AWB-D 125	AWB-D 165	AWB-D 200	AWB-D 250
Id. No. (set)	12071300*	035954	081616	081618
B	30	40	40	50
H	30	40	40	50
L	60	80	90	120
N	12	14	17	21
Serration	1/16" x 90°	1/16" x 90°	1/16" x 90°	1/16" x 90°
a	29	43	53	70
b	16	22	22	28
kg / set	0.9	2.0	2.7	5.1

\* Id. No. is per piece. 1 set = 3 pieces.

### NST T-nuts



Chuck Type	STP 125	STP 160	STP 240	STP 280
T-nut type	NST 12	NST 14	NST 17-4	NST 21-5
Id. No.	089810*	013863*	013864*	033429*
N	12	14	17	21
H	21.5	26.5	26.5	30
h	7.5	9.5	9.5	11
G	M8	M10	M12	M16
Bolt ISO 4762 12.9	M8 x 30	M10 x 35	M12 x 35	M16 x 40
Tighten torque	30	50	70	150

\* Id. No. is per piece. 1 set = 6 pieces.

JAWS-CATALOG

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