

Společnost **MOS technik** Vám nabízí kvalitní pneumatická šroubení od renomovaného výrobce z Itálie – **SISTEM PNEUMATICA s.r.l.**



Sistem Pneumatica vyrábí pneumatická šroubení a spojovací prvky již od roku 1978. Pozornost, kterou věnuje kvalitě svých výrobků, ji přivedla k certifikaci "ISO 9001" již v roce 1997.

Více než 30 let zkušeností v oblasti návrhu a výroby pneumatických komponent vedlo mimo jiné ke spolupráci s externími vědeckými subjekty včetně kvalifikované laboratoře univerzity v Bologni, například při standardizaci šroubení dle ISO 14743. Zkušenosti a znalosti jejich techniků umožňují být ve shodě se směrnicemi ROHS a PED



Nástrčná rychloupínací šroubení (tzv. push-in) byla navržena pro použití v průmyslových zařízeních napříč odvětvími.



Konstrukce těchto šroubení umožňuje použití také v oblasti vakuové techniky! Nástrčné šroubení je možno použít až do podtlaku -0,75 bar.

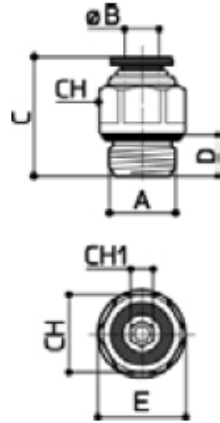
## Technické parametry

pracovní tlak .....	- 0,75 bar až + 10 bar												
pracovní teplota .....	- 0 °C až + 60 °C												
materiál těla .....	mosaz niklovaná a ZAMA-technopolymer												
materiál o-kroužku .....	olejivzdorná NBR, bez silikonu												
pro plastové trubky .....	polyuretan, rilsan (PA11)												
tolerance průměru trubky .....	± 0,05 (ø 4 až ø 10); ± 0,1 (ø 12 až ø 16)												
připojovací závity .....	válcový závit UNI-ISO 228/1 metrický závit UNI 5542-65 vnitřní závit UNI-ISO 228/1												
utahovací moment [Nm] .....	<table border="1" data-bbox="762 1599 1182 1671"> <thead> <tr> <th>M5</th> <th>M7</th> <th>1/8</th> <th>1/4</th> <th>3/8</th> <th>1/2</th> </tr> </thead> <tbody> <tr> <td>1,5±0,5</td> <td>2±1</td> <td>5±1</td> <td>7±1</td> <td>8±1</td> <td>10±1</td> </tr> </tbody> </table>	M5	M7	1/8	1/4	3/8	1/2	1,5±0,5	2±1	5±1	7±1	8±1	10±1
M5	M7	1/8	1/4	3/8	1/2								
1,5±0,5	2±1	5±1	7±1	8±1	10±1								



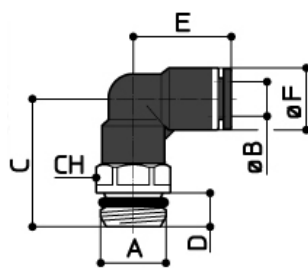
Pro montáž šroubení Sistem Pneumatica je možno použít vnější i vnitřní šestihranné klíče. Šestihranný otvor uvnitř šroubení Vám umožní jednoduchou montáž i v malých prostorách.

### PNA



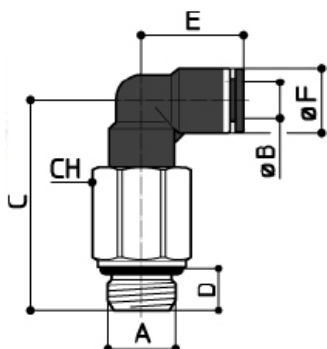
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G1/4	4	19.7	6	17			14	3	16
M5	6	23.1	4				12		7
M6	6	23.6	4.5				12		7
G1/8	6	24.5	5.5	14			12	4	10
G1/4	6	21.3	6	17			14	5	14
G3/8	6	20	7	21			17	5	21
G1/2	6	22.9	9	24			19	5	36
G1/8	8	25.6	5.5				14	5	12
G1/4	8	22.7	6	17			14	6	12
G3/8	8	21.8	7	21			17	6	20
G1/2	8	24	9	24			19	6	34
G1/8	10	27.7	5.5				17	5	17
G1/4	10	27.8	6				17	6	19
G3/8	10	26.1	7	21			17	8	20
G1/2	10	24.9	9	24			19	8	31
G1/4	12	30	6				19	6	23
G3/8	12	28.3	7	21			19	8	26
G1/2	12	29.3	9	24			21	8	36
G3/8	14	35	10.5				21		32
G1/2	14	33	9	24			22		36
G3/8	16	33.4	7				24		43
G1/2	16	34.5	9				24		42

### PNB



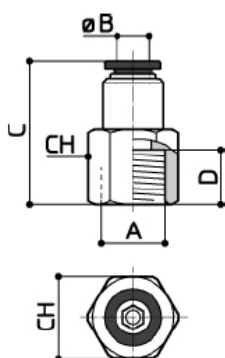
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G1/4	4	22.6	6	18	11		14		12
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M6	6	24.5	4.5	19.9	13.5		12		12
G1/8	6	24.6	5.5	19.9	13.5		14		14
G1/4	6	25.1	6	19.9	13.5		14		15
G3/8	6	26.1	7	19.9	13.5		17		20
G1/2	6	28.1	9	19.9	13.5		21		25
G1/8	8	25.2	5.5	22.9	14.5		14		16
G1/4	8	25.7	6	22.9	14.5		14		17
G3/8	8	26.7	7	22.9	14.5		17		22
G1/2	8	28.7	9	22.9	14.5		21		30
G1/8	10	28.7	5.5	27.2	18		17		24
G1/4	10	29	6	27.2	18		17		24
G3/8	10	30.2	7	27.2	18		17		29
G1/2	10	32.2	9	27.2	18		21		34
G1/4	12	31	6	29.2	20.5		19		32
G3/8	12	32	7	29.2	20.5		19		35
G1/2	12	34	9	29.2	20.5		21		40
G3/8	14	36	7	30	24		24		48
G1/2	14	38	9	30	24		24		52
G3/8	16	38	7	30.8	25.5		24		56
G1/2	16	40	9	30.8	25.5		24		54

### PNG



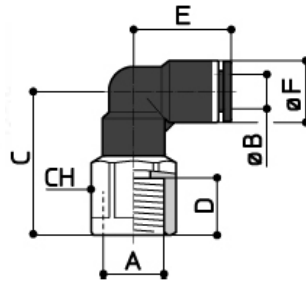
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G1/4	4	34.9	6	18	11		17		35
M5	6	44.5	4	19.9	13.5		12		25
M6	6	45	4.5	19.9	13.5		12		25
G1/8	6	40.6	5.5	19.9	13.5		14		33
G1/4	6	41.6	6	19.9	13.5		17		44
G3/8	6	42.4	7	19.9	13.5		21		64
G1/2	6	44.4	9	19.9	13.5		24		75
G1/8	8	41.2	5.5	18.4	14.5		14		35
G1/4	8	42.2	6	18.4	14.5		17		46
G3/8	8	43	7	18.4	14.5		21		65
G1/2	8	45	9	18.4	14.5		24		77
G1/8	10	46.7	5.5	21.7	18		17		57
G1/4	10	47.2	6	21.7	18		17		54
G3/8	10	48.2	7	21.7	18		21		76
G1/2	10	50.2	9	21.7	18		24		89
G1/4	12	47.5	6	22.9	20.5		19		73
G3/8	12	52	7	22.9	20.5		21		85
G1/2	12	54	9	22.9	20.5		24		100
G3/8	14	63	7	31	24		24		90
G1/2	14	64,5	9	31	24		24		97
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G1/2	16	66,5	9	32,5	25,5		24		132

### PNC



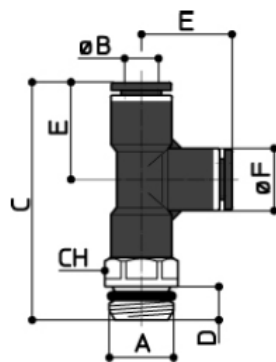
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G1/8	4	26.2	9				12		11
G1/4	4	28.5	10.5				17		20
M5	6	24	6				14		14
M6	6	24	6				14		17
G1/8	6	28.2	9				14		17
G1/4	6	29.8	10.5				17		21
G3/8	6	31	12				19		22
G1/2	6	33.3	14				24		38
G1/8	8	29.9	9				17		25
G1/4	8	31.1	10.5				17		23
G3/8	8	32.4	12				19		24
G1/2	8	34.6	14				24		39
G1/8	10	31.8	9				19		31
G1/4	10	33	10.5				19		33
G3/8	10	34.4	12				19		29
G1/2	10	36.4	14				24		42
G1/4	12	35.2	10.5				21		44
G3/8	12	36.4	12				21		38
G1/2	12	37.8	14				24		46
G3/8	14	36	12.5				22		44
G1/2	14	38	16				24		43
G3/8	16	36.5	12.5				24		52
G1/2	16	38	16				24		46

### PND



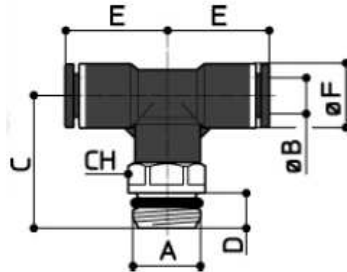
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G1/8	4	22.4	9	18	11		12		11
G1/4	4	23.9	10.5	18	11		17		24
M5	6	24.5	6	19.9	13.5		12		16
M6	6	24.5	6	19.9	13.5		12		16
G1/8	6	25.1	9	19.9	13.5		14		18
G1/4	6	26.4	10.5	19.9	13.5		17		23
G3/8	6	27.9	12	19.9	13.5		19		23
G1/2	6	30.1	14	19.9	13.5		24		40
G1/8	8	25.7	9	22.9	14.5		14		19
G1/4	8	27	10.5	22.9	14.5		17		25
G3/8	8	28.5	12	22.9	14.5		19		25
G1/2	8	30.5	14	22.9	14.5		24		41
G1/8	10	29.7	9	27.2	18		17		38
G1/4	10	30	10.5	27.2	18		17		29
G3/8	10	31.5	12	27.2	18		19		36
G1/2	10	34	14	27.2	18		24		44
G1/4	12	32	10.5	29.2	20.5		19		43
G3/8	12	33.5	12	29.2	20.5		19		36
G1/2	12	35.5	14	29.2	20.5		24		49
G3/8	14	43	12	30	24		24		49
G1/2	14	45	14	30	24		24		54
G3/8	16	45	12	30.8	25.5		24		57
G1/2	16	47	14	30.8	25.5		24		59

### PNE



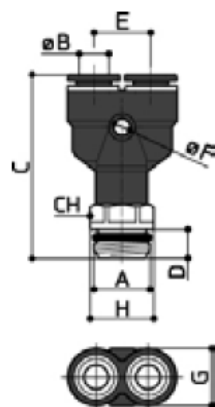
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M6	4	39	4.5	18	11		10		10
G1/8	4	40.2	5.5	18	11		12		12
G1/4	4	40.6	6	18	11		14		17
M5	6	43.9	4	19.9	13.5		12		15
M6	6	44.4	4.5	19.9	13.5		12		15
G1/8	6	44.5	5.5	19.9	13.5		14		17
G1/4	6	45	6	19.9	13.5		14		18
G3/8	6	46	7	19.9	13.5		17		23
G1/2	6	48	9	19.9	13.5		21		28
G1/8	8	48.1	5.5	22.9	14.5		14		20
G1/4	8	48.6	6	22.9	14.5		14		21
G3/8	8	49.6	7	22.9	14.5		17		26
G1/2	8	51.6	9	22.9	14.5		21		30
G1/8	10	55.9	5.5	27.2	18		17		30
G1/4	10	56.2	6	27.2	18		17		31
G3/8	10	57.4	7	27.2	18		17		34
G1/2	10	59.4	9	27.2	18		21		40
G1/4	12	60.2	6	29.2	20.5		19		40
G3/8	12	61.2	7	29.2	20.5		19		43
G1/2	12	63.2	9	29.2	20.5		21		48
G3/8	14	70.5	7	30	24		24		63
G1/2	14	72.5	9	30	24		24		70
G3/8	16	72.5	7	33	25.5		24		65
G1/2	16	74.5	9	33	25.5		24		71

### PNF



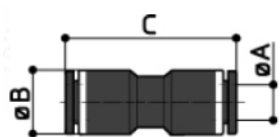
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G1/8	4	22.2	5.5	18	11			12		12
G1/4	4	22.6	6	18	11			14		16
M5	6	23.5	4	19.9	13.5			12		15
M6	6	24	4.5	19.9	13.5			12		15
G1/8	6	24.6	5.5	19.9	13.5			14		17
G1/4	6	25.1	6	19.9	13.5			14		18
G3/8	6	26.1	7	19.9	13.5			17		23
G1/2	6	28.1	9	19.9	13.5			21		27
G1/8	8	25.2	5.5	22.9	14.5			14		20
G1/4	8	25.7	6	22.9	14.5			14		21
G3/8	8	26.7	7	22.9	14.5			17		26
G1/2	8	28.7	9	22.9	14.5			21		30
G1/8	10	28.7	5.5	27.2	18			17		30
G1/4	10	29	6	27.2	18			17		31
G3/8	10	30.2	7	27.2	18			17		34
G1/2	10	32.2	9	27.2	18			21		41
G1/4	12	31	6	29.2	20.5			19		40
G3/8	12	32	7	29.2	20.5			19		43
G1/2	12	34	9	29.2	20.5			21		48
G3/8	14	40	7	31.5	24			24		63
G1/2	14	42	9	31.5	24			24		70
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### PNQ



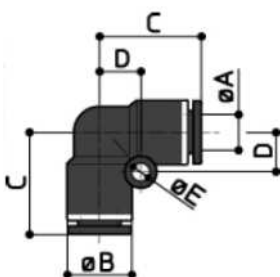
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G1/4	4	39.5	6	10.5	3			14		14
M5	6	44.5	4	13	3			12		14
M6	6	45	4.5	13	3			12		14
G1/8	6	45	5.5	13	3			14		17
G1/4	6	45.4	6	13	3			14		17
G3/8	6	46.4	7	13	3			17		23
G1/2	6	48.4	9	13	3			19		28
G1/8	8	48	5.5	14	3			14		19
G1/4	8	48.5	6	14	3			14		21
G3/8	8	49.5	7	14	3			17		25
G1/2	8	51.5	9	14	3			19		29
G1/8	10	55	5.5	18	4			17		29
G1/4	10	55.5	6	18	4			17		29
G3/8	10	56.7	7	18	4			17		34
G1/2	10	58.7	9	18	4			19		39
G1/4	12	59.5	6	20.5	4			19		41
G3/8	12	60.5	7	20.5	4			21		44
G1/2	12	62.5	9	20.5	4			21		50
G3/8	14	66	7	24	5			22		62
G1/2	14	66.5	9	24	5			24		66
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## PNH



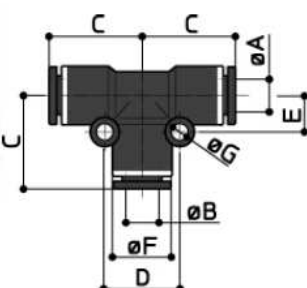
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12	20	50							16
14	23.5	50.8							18
16	24	50.5							21

## PNJ



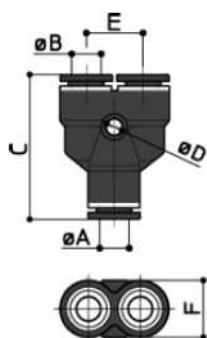
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8	14.5	22.6		3					7
10	18.2	26.5		4					13
12	20.6	28.3		4					17
14	23.6	31		5					24
16	25.2	32.5		5					24

## PNK



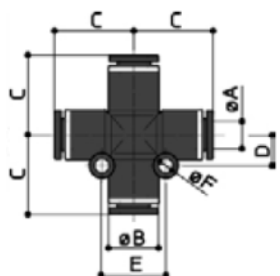
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6	4	20.1	17	9	13.3	3			6
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6	6	20.1	17	9	13.3	3			9
8	6	22.6	18	10	14.5	3			9
10	6	26.5	18	11	18	4			19
8	8	22.6	22	10	14.5	3			11
10	8	26.5	22	11	18.2	4			14
12	8	26.5	25.5	13	19.5	4			23
10	10	26.5	22	11	18.2	4			20
12	10	28.3	24.5	12	20.6	4			19
12	12	28.3	25	12	20.6	4			25
16	12	32.5	31.5	21	25.2	5			21
14	14	31	30	15	23.6	5			35
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## PNU



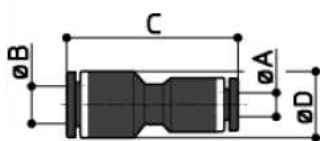
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6	6	39.4	3	12.9					9
8	6	41.5	3	12.9					9
10	6	48.5	4	12.9					13
8	8	41.8	3	14.3					11
10	8	49	4	14.3					14
12	8	64	4	14.3					19
10	10	49.5	4	17.6					19
12	10	65	4	17.6					21
12	12	54.1	4	20.7					26
16	12	58.5	5	24.2					31
14	14	57.6	5	22.5					30
16	16	58.5	5	24.2					33

## PNV



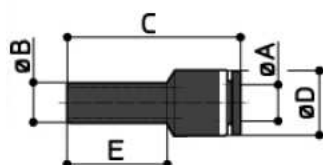
A	B	C	D	E	F	G	CH	CH1	GR
4	10.6	18			3				7
6	13.2	20			3				12
8	15	23			3				14
10	18.5	27			4				25
12	20.6	28			4				35

## PNI



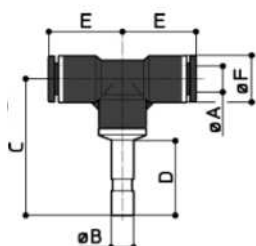
A	B	C	D	E	F	G	CH	CH1	GR
4	6	35.1	11						5
4	8	37.5	13.1						6
6	8	38.6	13.2						6
4	10	43.1	14.5						9
6	10	42.9	14.5						10
8	10	43.9	15						10
8	12	46.5	18						13
10	12	47.9	18.3						14
12	16	49.1	24.6						22

## PNX



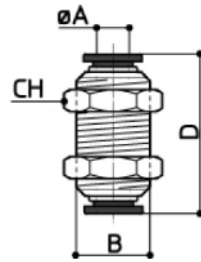
A	B	C	D	E	F	G	CH	CH1	GR
4	6	38.5	10.8	22					3
4	8	41	13.2	23					4
6	8	41.5	13.2	23					4
6	10	44.5	14.6	24.5					5
8	10	44.5	14.6	24.5					5
6	12	44	18	25					6
8	12	44	18	25					6
10	12	46.5	18	25					8

## PNY



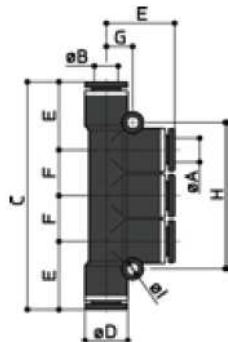
A	B	C	D	E	F	G	CH	CH1	GR
4	6	37.4		14.9	13.5	3.3			16
4	8	38.9		14.9	14.5	3.3			16
6	8	39.35		15.35	14.5	3.3			17
8	10	45.9		18.1	18	3.3			18
6	10	43.15		15.35	18	3.3			17
6	12	46.2		15.4	20.5	3.3			17
8	12	46.8		18.1	20.5	4.4			18
10	12	49.7		21	20.5	4.4			20
12	16	56.5		32.5	25.5	5			32

### PNL



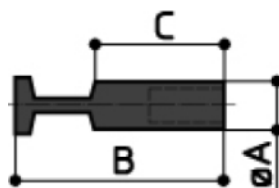
A	B	C	D	E	F	G	CH	CH1	GR
4	M12x1		34.4				14		27
6	M14x1		35.4				17		32
8	M16x1		38				19		32
10	M20x1		42				24		52
12	M22x1		46.2				27		65
14	M24x1		47				29		72
16	M27x1		47.4				32		85

### PNP



A	B	B1	C	D	E	F	G	H	I	L	M	CH	GR
4	4		68.5	10.5	19.5	12.5	10	38.8	3				13
4	6		69	13	20	12	10	37.3	3				17
6	6		69.5	13	20	12.5	10	38.8	3				17
4	8		69	15	20	13	1	40.3	3				17
6	8		70	15	20.5	13	10	40.3	3				16
8	8		79	15	23.5	14	10	43.3	3				22
6	10		80.5	18.5	23	14	11	43.3	3				25
8	10		80.5	18.5	24	14.5	11	44.8	3				24

### PNZ



A	B	C	D	E	F	G	CH	CH1	GR
4	29.5	15.5							1
6	34	18							1
8	37	18.5							1
10	39.5	21							2
12	43	23							2