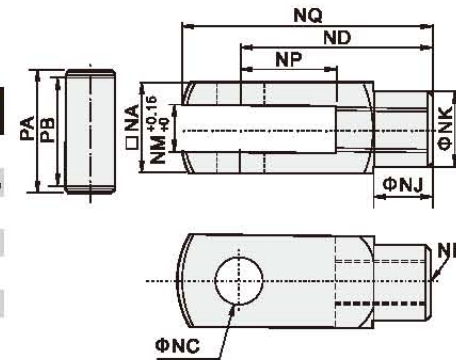




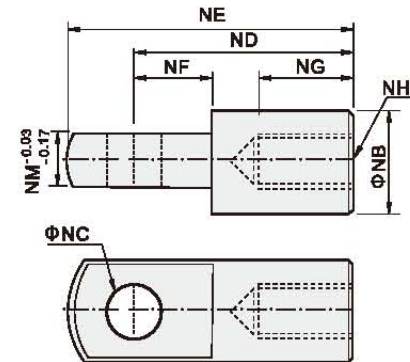
◎TY 杆端接头尺寸 Dimension of Y rod end Fitting

内径/符号 Bore/Sign	NA	NC	ND	NH	NJ	NK	NM	NP	NQ	PA	PB
32	19	10	40	M10x1.25	12	18	10	20	52	26.2	20
40	25.4	12	48	M12x1.25	20	23	12	24	62	32.8	26.5
50	32	16	64	M16x1.5	22	30	16	32	83	39.3	33
63	32	16	64	M16x1.5	22	30	16	32	83	39.3	33
80	44.4	20	80	M20x1.5	30	39	20	40	105	53.3	45
100	44.4	20	80	M20x1.5	30	39	20	40	105	53.3	45



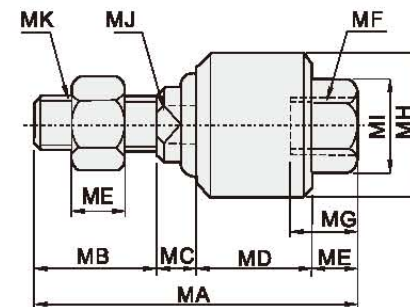
◎TI 杆端接头尺寸 Dimension of I rod end Fitting

内径/符号 Bore/Sign	NB	NC	ND	NE	NF	NG	NH	NM
32	20	10	40	52	15	20	M10x1.25	10
40	24	12	48	67	24	20	M12x1.25	12
50	32	16	64	89	32	23	M16x1.5	16
63	32	16	64	89	32	23	M16x1.5	16
80	40	20	80	112	40	30	M20x1.5	20
100	40	20	80	112	40	30	M20x1.5	20



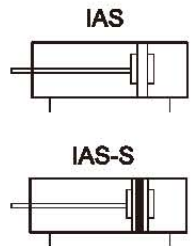
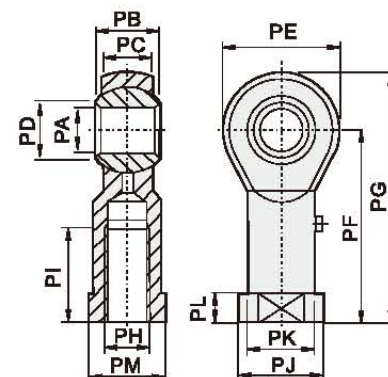
◎TF浮动接头尺寸 Dimension of Floating Fitting

内径/符号 Bore/Sign	MA	MB	MC	MD	ME	MF	MG	MH	MJ	MK	MI
32	58	22	7	21	8	M10x1.25	12	28	10	M10x1.25	17
40	58	22	8	21	7	M12x1.25	12	28	12	M12x1.25	19
50	90	27	10	41	12	M16x1.5	14	45	15	M16x1.5	27
63	90	27	10	41	12	M16x1.5	14	45	15	M16x1.5	27
80	102	29	13	46	14	M20x1.5	18	53	22	M20x1.5	33
100	102	29	13	46	14	M20x1.5	18	53	22	M20x1.5	33

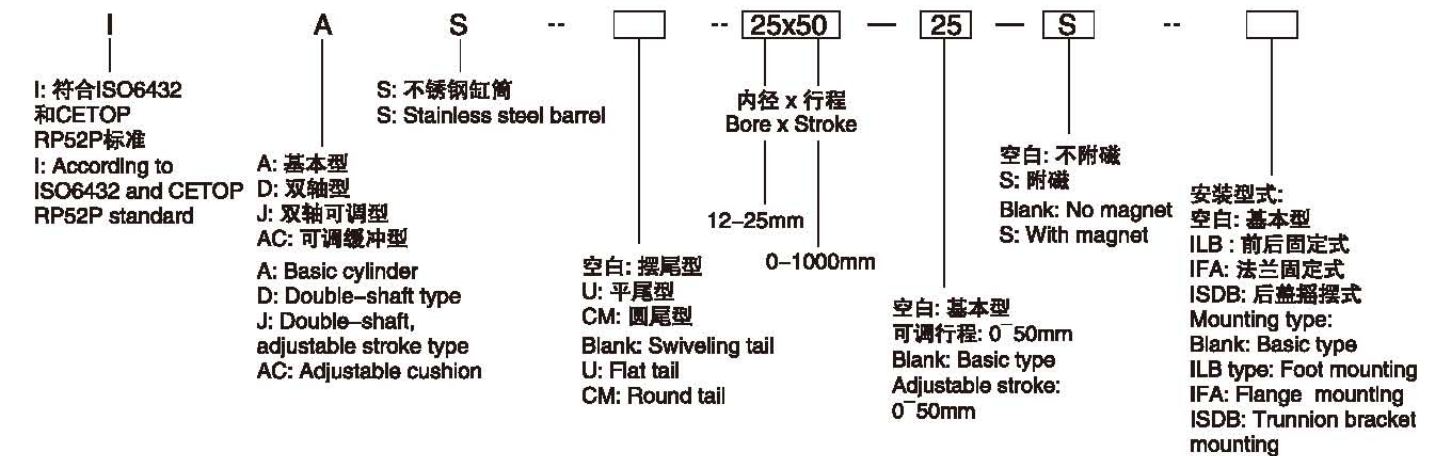


◎TB鱼眼接头尺寸 Dimension of Bearing Fitting

内径/符号 Bore/Sign	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM
32	10	14	11	12.9	28	43	56	M10x1.25	21	19	15	6.5	17
40	12	16	12	15.4	30	50	65	M12x1.25	24	22	17.5	6.5	19
50	16	21	15	19.3	38	64	83	M16x1.5	33	27	22	8	22
63	16	21	15	19.3	38	64	83	M16x1.5	33	27	22	8	22
80	20	25	18	24.3	46	77	100	M20x1.5	40	34	27.5	10	32
100	20	25	18	24.3	46	77	100	M20x1.5	40	34	27.5	10	32



订货举例 How to Order?



* I 系列气缸不锈钢缸筒,基本型, 12mm内径, 50mm行程, 型号: IAS12X50

* I 系列气缸不锈钢缸筒,可调缓冲型, 25mm内径, 70mm行程, 附磁石型号: IACS25x70-S

* I Series cylinder stainless steel barrel, basic type, 12mm bore, 50mm stroke, model: IAS 12X50

* I Series cylinder stainless steel barrel, adjustable cushion, 25mm bore, 70mm stroke, with magnet, model: IACS 25X70-S

产品特性 Product Features

* 铝合金端盖和不锈钢缸筒

* 内径为12mm-25mm的气缸符合ISO6432, CETOP RP52P标准, 内径为32mm-40mm的气缸符合EMC标准

* 内径为16mm-25mm的气缸为可调缓冲型, 其它内径的气缸可调可选

* I系列气缸的外型可根据不同客户的需求而改变

* 带自润滑轴承

* 磁石和各种类型的安装附件可选

* Aluminum cover and stainless steel barrel .

* 12mm-25mm are according to ISO6432 and CETOP RP52P standard, 32mm-40mm are EMC standard.

* 16mm-25mm are with adjustable cushion, other size cushion is optional

* I series mini cylinder can be easily changed to different appearance according to customers requirement

* With self-lubricating bearing, the piston rod is lubrication free.

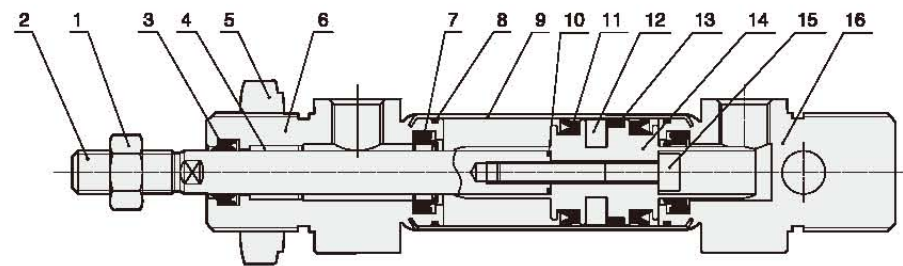
* Magnet and sufficient fixing styles are available.

规格 Specifications

内径 Bore Size (mm)	12	16	20	25
动作型式 Acting type	复动型/单动型 Double Acting / Single Acting			
工作介质 Working medium	经25 μ m 滤芯过滤的空气 Clean Air (25 μ m filtration)			
固定型式 Mounting type	基本型(Basic type) IFA ISDB ILB			
工作压力 Working pressure (Bar)	1-9.0			
最大工作压力 Guranteed pressure (Bar)	13.5			
工作温度 Working temperature (°C)	0 ~ 80 (干燥空气-20) (dry air-20)			
使用速度 Speed range (mm/s)	10 ~ 1000			
缓冲型式 Cushion type	16mm-25mm缸径自带可调缓冲, 其它尺寸可调缓冲可选 16mm-25mm bore are with adjustable cushion, other size cushion is optional			
材料 Material	IAS: 缸筒不锈钢 IAS: Stainless steel barrel			
接管口径 Port size	M5 x 0.8 G 1/8			

内部结构 Internal Structure

Φ16-Φ25

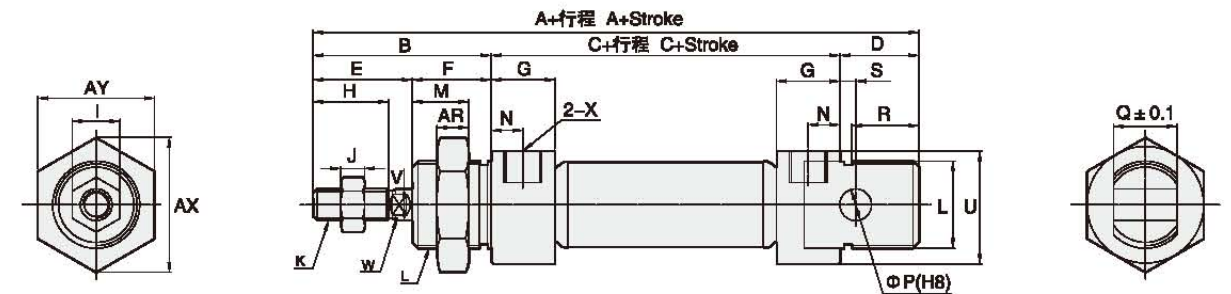


序号No	名称	Designation
1	螺母	Nut
2	活塞杆	Piston rod
3	防尘圈	Piston rod seal
4	含油轴承	Self-lubricating bearing
5	前盖螺母	Head cover screw
6	前盖	Head cover
7	缓冲圈	Cushion seal
8	O令	O-ring
9	缸筒	Barrel
10	O令	O-ring
11	活塞密封件	Piston rod seal
12	磁石 (可选)	Magnet (Optional)
13	耐磨环	Wear ring
14	活塞	Piston
15	内六角螺钉	Hexagon screw
16	后盖	Rear cover

主要零件材质 Main Parts Material

零件名称 Part name	材质 Material
前盖 Head cover	铝合金 Aluminum alloy
后盖 Rear cover	铝合金 Aluminum alloy
活塞 Piston	铝合金 Aluminum alloy
活塞杆 Piston rod	S45C 镀硬铬研磨棒 S45C hard chrome carbon steel
缸筒 Barrel	不锈钢 Stainless steel
防尘圈 Piston rod seal	NBR
缓冲圈 Cushion seal	NBR
活塞杆O令 Piston rod O-ring	NBR
管壁O令 Cover O-ring	NBR
活塞密封件 Piston seal	NBR
耐磨环 Wear ring	PA66
含油轴承 Self lubricating bearing	PTFE+ 铜(Brass)
磁石(可选) Magnet (optional)	钕铁硼 NdFeB
缓冲调节针 Cushion needle	黄铜 Brass
内六角螺钉 Hexagon screw	碳钢 Carbon steel
螺母 Nut	碳钢 Carbon steel

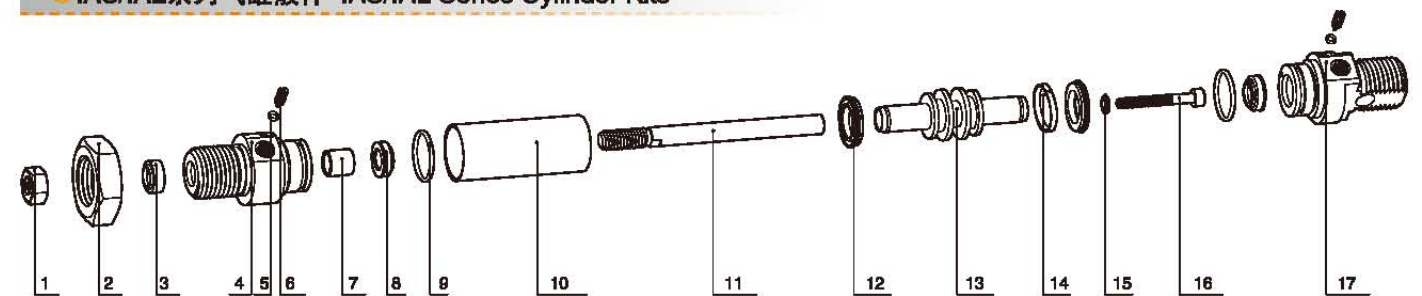
基本尺寸 Main Dimensions



内径/符号 Bore/ Sign	A	B	C	D	E	F	G	H	I	J	K	L
12	105	38	50	17	21	17	10.5	14.5	10	5	M6	M16*1.5
16	112	39	56	17	22	17	11	14.5	10	5	M6	M16*1.5
20	133	45	68	20	25	20	16	18	14	6	M8	M22*1.5
25	142	52	68	22	30	22	16	20	17	6	M10*1.25	M22*1.5

内径/符号 Bore/ Sign	M	N	P	Q	R	S	U	V	W	X	AR	AX	AY
12	12	8	6	12	15	3	18.3	6	5	M5	8	27	24
16	12	6	6	12	13.5	4	21	6	5	M5	8	27	24
20	15	8	8	16	17	3	28.6	8	6	G1/8	10	35	31
25	15	8	8	16	18.5	3.5	28.6	10	8	G1/8	10	35	31

IAS/IAL系列气缸散件 IAS/IAL Series Cylinder Kits



序号 No	1	2	3	4	5	6	7	8
名称	螺母	螺母	防尘圈	前盖	O令	调节螺钉	含油轴承	缓冲圈
Designation	Nut	Nut	Piston rod seal	Head cover	O-ring	Adjustable screw	Self lubricating bearing	Cushion ring

序号 No	9	10	11	12	13	14	15	16	17
名称	O令	缸筒	活塞杆	活塞密封件	活塞	耐磨环	弹垫	内六角螺钉	后盖
Designation	O-ring	Barrel	Piston Rod	Piston seal	Piston	Wear ring	Spring cushion	Hexagon screw	Rear cover