

FIG.1

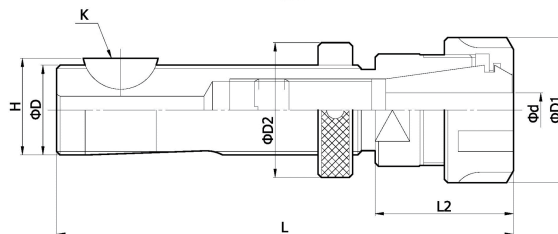


FIG.2



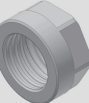
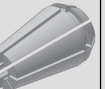
English

Application:

- General hole making.
- Rigid tapping.

中文

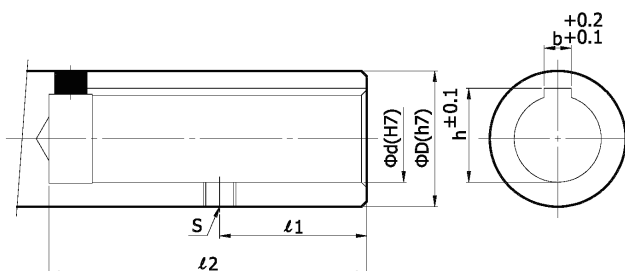
- 應用: 適用於
- 一般孔加工
 - 剛性攻牙

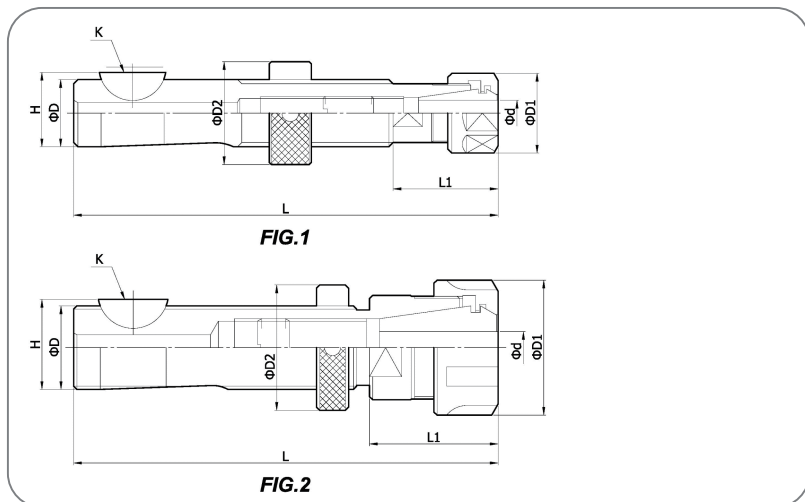
訂購編號 ORDER NO	ØD	夾持範圍 RANGE Ød	Ø D1	Ø D2	FIG	L	L2	H	半圓鍵K KEY	螺帽 Nut 	調整螺絲 Screw 	筒夾 Collet 	扳手 Wrench 
AAA16-ER11-25	16	0.5~7.0	19	25	2	101	25	17.7	4xØ16	CAP-ER11	ER-M8	ER11	PHS-ER11
AAA19-ER11-25	19			32	1			20.7					
AAA16-ER16-32	16	0.5~10.0	28	25	2	108	32	17.7	4xØ16	CAP-ER16	ER-M10	ER16	PHS-ER16
AAA19-ER16-32	19			32				2			20.7		
AAA22-ER16-32	22			39	1	124	24.2	5xØ19					
AAA26-ER16-32	26						28.2	5xØ22					
AAA22-ER20-36	22	0.5~13.0	34	32	2	128	36	24.2	5xØ19	CAP-ER20	ER-M14	ER20	PHS-ER20
AAA26-ER20-36	26			39				28.2					
AAA28-ER20-36	28			41	1			30.2					

調整套筒用心軸配合尺寸(普慧規格)

SPINDLE SIZE FOR JIS TYPE

規格 MODEL	Ø D	Ø d	ℓ1	ℓ2	H±0.1	b ^{+0.2} / _{+0.1}	S
AAA16**	28	16	36	69	17.8	4	M6X1
AAA19**	32	19			20.8		
AAA22**	35	22	43	85	24.3	5	M6X1
AAA26**	40	26			28.3		
AAA28**	42	28			30.3		





English

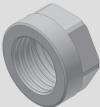
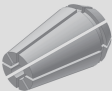
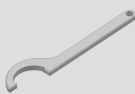
Application:

- General hole making.
- Rigid tapping.

中文

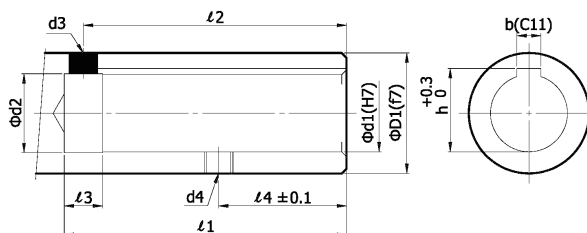
應用: 適用於

- 一般孔加工
- 剛性攻牙

訂購編號 ORDER NO	ØD	夾持範圍 RANGE Ød	Ø D1	Ø D2	FIG	L	L1	H	半圓鍵K KEY	 螺帽 Nut	 調整螺絲 Screw	 筒夾 Collet	 扳手 Wrench
AAB16-ER11-25	16	0.5~7.0	19	25	2	110	25	19	5x φ 16	CAP-ER11	ER-M8	ER11	PHS-ER11
AAB20-ER11-25	20			32	1	113		23.1	5x φ 19				
AAB16-ER16-32	16	0.5~10.0	28	25	2	115	32	19	5x φ 16	CAP-ER16	ER-M10	ER16	PHS-ER16
AAB20-ER16-32	20			32		118		23.1	5x φ 19		ER-M11		
AAB25-ER16-32	25			37	1	125		28.5	6x φ 22				
AAB28-ER16-32	28			41				31.5					
AAB20-ER20-36	20	0.5~13.0	34	32	2	124	36	23.1	5x φ 19	CAP-ER20	ER-M14	ER20	PHS-ER20
AAB25-ER20-36	25			37		131		28.5	6x φ 22				
AAB28-ER20-36	28			41	1			31.5					

調整套筒用心軸配合尺寸(ISO規格)

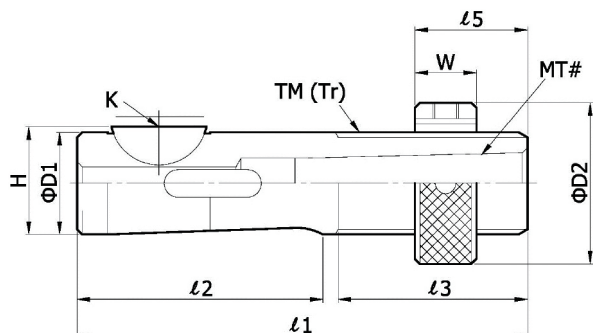
SPINDLE SIZE FOR ISO TYPE



規格 MODEL	Ø D1(f7)	Ø d1(H7)	d2	d3	d4	l1 (min.)	l2	l3	l4 (±0.1)	h 0 +0.3	b(C11)	d4
AAB16**	28	16	16.4	6	M6	74	70	8	34	17.3	5	M6
AAB20**	32	20	20.4			77	73			21.3		
AAB25**	35	25	25.4	8	M8	85	80	10	38	26.7	6	M8
AAB28**	40	28	28.4							29.7		

標準型調整套筒(普慧規格，適用JIS規格)

JIS STANDARD TYPE

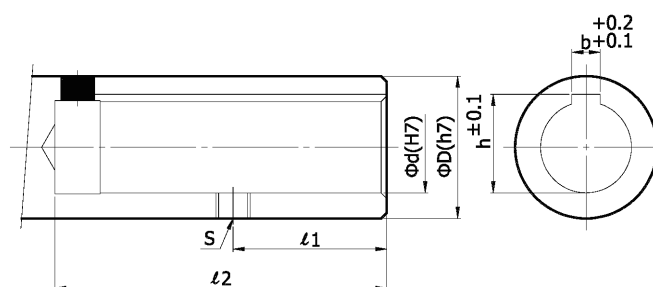


訂購編號 ORDER NO	D1	TM	MT.NO	l1	l2	l3	H	D2	W	l5	WOODRUFF KEY 半圓鍵 K	螺帽 NUT
AD-16x1	16	16x2	MT.1	76	38	36	17.5	25	10	10~36	KEY-4x16	CAP-AD16
AD-19x1	19	19x2					20.5					CAP-AD19
AD-22x1	22	22x2	MT.1	92	48	41	24	32	10	10~41	KEY-5x19	CAP-AD22
AD-22x2			MT.2									
AD-26x1	26	26x2	MT.1	92	48	41	28	39	10	10~41	KEY-5x22	CAP-AD26
AD-26x2			MT.2									
AD-28x1	28	28x2	MT.1	92	48	41	30	41	10	10~41	KEY-5X22	CAP-AD28
AD-28x2			MT.2									
AD-32x2	32	32x2	MT.2	117	67	48	34.4	45	10	10~48	KEY-6x25	CAP-AD32
AD-32x3			MT.3									
AD-35x2	35	35x2	MT.2	117	67	48	37.4	48	10	10~48	KEY-6X25	CAP-AD35
AD-35x3			MT.3									
AD-42x3	42	42x2	MT.3	143	76	64	44.8	58	13	10~64	KEY-8x32	CAP-AD42
AD-42x4			MT.4									
AD-48x3	48	48x2	MT.3	143	76	64	50.8	68	13	10~64	KEY-8x32	CAP-AD48
AD-48x4			MT.4									

調整套筒用心軸配合尺寸(普慧規格)

SPINDLE SIZE FOR JIS TYPE

規格 MODEL	D	d	l1	l2	H ± 0.1	b $^{+0.2}_{+0.1}$	S
AD-16**	28	16	36	69	17.8	4	M6X1
AD-19**	32	19			20.8		
AD-22**	35	22	43	85	24.3	5	M6X1
AD-26**	40	26			28.3		
AD-28**	42	28	50	110	30.3	6	M6X1
AD-32**	45	32			34.7		
AD-36**	48	36	65	133	37.7	6	M6X1
AD-42**	58	42			45.1		
AD-48**	68	48	65	133	51.1	6	M6X1



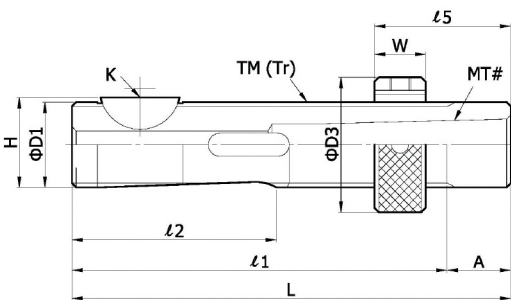


FIG.1

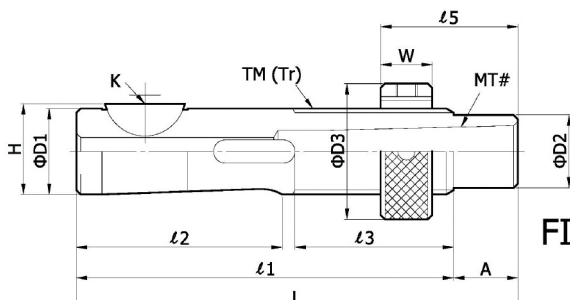


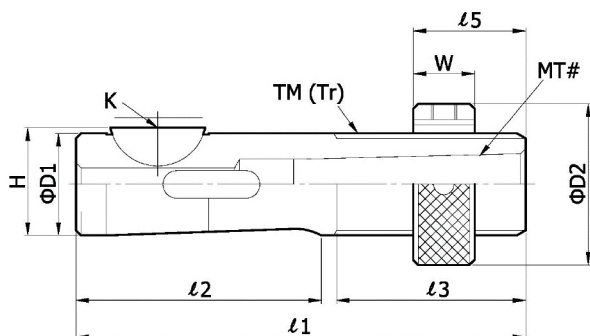
FIG.2

加長型調整套筒(普慧規格，適用JIS規格) JIS LONG TYPE

訂購編號 ORDER NO	D1	TM	MT.NO	l1	l2	l3	D2	A	L	H	D3	W	FIG	l5	WOODRUFF KEY 半圓鍵K	螺帽 NUT
AD-16X1+25	16	16X2	MT.1	76	38	-	-	25	101	17.5	25	10	1	35~61	KEY-4X16	CAP-AD16
AD-16X1+50								50	126					60~86		
AD-16X1+75								75	151					85~111		
AD-19X1+25	19	19X2	MT.2	76	38	36	16	25	101	20.5	32	10	2	35~61	KEY-4X16	CAP-AD19
AD-19X1+50								50	126					60~86		
AD-19X1+75								75	151					85~111		
AD-22X1+25	22	22X2	MT.1	92	48	41	19	25	117	24	32	10	2	35~66	KEY-5X19	CAP-AD22
AD-22X1+50								50	142					60~91		
AD-22X1+75								75	167					85~116		
AD-22X2+25	22	22X2	MT.2	92	48	-	-	25	117	24	32	10	1	35~66	KEY-5X19	CAP-AD22
AD-22X2+50								50	142					60~91		
AD-22X2+75								75	167					85~116		
AD-26X1+25	26	26X2	MT.1	92	48	41	23	25	117	28	39	10	2	35~66	KEY-5X22	CAP-AD26
AD-26X1+50								50	142					60~91		
AD-26X1+75								75	167					85~116		
AD-26X2+25	26	26X2	MT.2	92	48	41	23	25	117	28	39	10	2	35~66	KEY-5X22	CAP-AD26
AD-26X2+50								50	142					60~91		
AD-26X2+75								75	167					85~116		
AD-28X1+25	28	28X2	MT.1	92	48	41	25	25	117	30	41	10	2	35~66	KEY-5X22	CAP-AD28
AD-28X1+50								50	142					60~91		
AD-28X1+75								75	167					85~116		
AD-28X2+25	28	28X2	MT.2	92	48	41	25	25	117	30	41	10	2	35~66	KEY-5X22	CAP-AD28
AD-28X2+50								50	142					60~91		
AD-28X2+75								75	167					85~116		
AD-32X2+25	32	32X2	MT.2	117	67	48	29	25	142	34.4	45	10	2	35~73	KEY-6X25	CAP-AD32
AD-32X2+50								50	167					60~98		
AD-32X2+75								75	192					85~123		
AD-32X3+25	32	32X2	MT.3	117	67	48	29	25	142	34.4	45	10	2	35~73	KEY-6X25	CAP-AD32
AD-32X3+50								50	168					60~98		
AD-32X3+75								75	192					85~123		
AD-35X2+25	35	35X2	MT.2	117	67	48	32	25	142	37.4	48	10	2	35~73	KEY-6X25	CAP-AD35
AD-35X2+50								50	167					60~98		
AD-35X2+75								75	192					85~123		
AD-35X3+25	35	35X2	MT.3	117	67	48	32	25	142	37.4	48	10	2	35~73	KEY-6X25	CAP-AD35
AD-35X3+50								50	167					60~98		
AD-35X3+75								75	192					85~123		
AD-42X3+25	42	42X2	MT.3	143	76	64	39	25	168	44.8	58	13	2	38~89	KEY-8X32	CAP-AD42
AD-42X3+50								50	193					63~114		
AD-42X3+75								75	218					88~139		
AD-42X4+25	42	42X2	MT.4	143	76	64	39	25	168	44.8	58	13	2	38~89	KEY-8X32	CAP-AD42
AD-42X4+50								50	193					63~114		
AD-42X4+75								75	218					88~139		
AD-48X3+25	48	48X2	MT.3	143	76	64	45	25	168	50.8	68	13	2	38~89	KEY-8X32	CAP-AD48
AD-48X3+50								50	193					63~114		
AD-48X3+75								75	218					88~139		
AD-48X4+25	48	48X2	MT.4	143	76	64	45	25	168	50.8	68	13	2	38~89	KEY-8X32	CAP-AD48
AD-48X4+50								50	193					63~114		
AD-48X4+75								75	218					88~139		

標準型調整套筒(ISO規格)

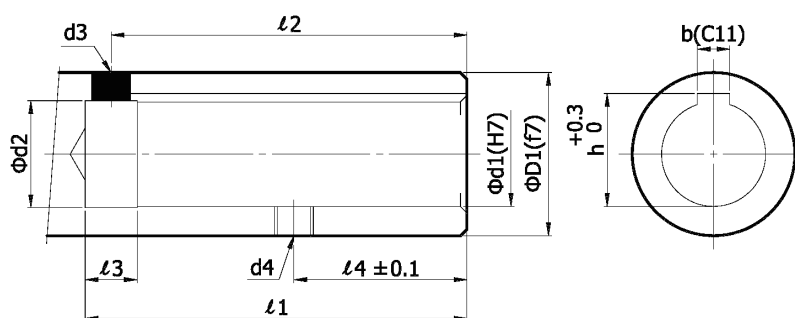
ISO STANDARD TYPE



訂購編號 ORDER NO	D1	TM	MT.NO	l1	l2	l3	H	D2	W	WOODRUFF KEY 半圓鍵 K	螺帽 NUT
AD-16Ax1	16	16x1.5	MT.1	85	45	37	17.1	24.6	12	KEY-5x16	CAP-AD16A
AD-20Ax1	20	19x2		88	48		21.1	31.6		KEY-5X19	CAP-AD20A
AD-25Ax1	25	25x2	MT.1	95	53	39	26.5	36.6	12	KEY-6X22	CAP-AD25A
AD-25Ax2			MT.2								
AD-28Ax1	28	28x2	MT.1	95	53	39	29.5	39.6	12	KEY-6X22	CAP-AD28A
AD-28Ax2			MT.2								
AD-36Ax2	36	36x2	MT.2	118	68	48	37.5	49.6	14	KEY-8X28	CAP-AD36A
AD-36Ax3			MT.3								
AD-48Ax3	48	48x2	MT.3	144	79	62	49.9	66.6	18	KEY-10x32	CAP-AD48A
AD-48Ax4			MT.4								

調整套筒用心軸配合尺寸(ISO規格)

SPINDLE SIZE FOR ISO TYPE



規格 MODEL	Ø D1(f7)	Ø d1(H7)	d2	d3	d4	l1 (min.)	l2	l3	l4 (±0.1)	h ^{+0.3} ₀	b(C11)	d4
AD-16A**	28	16	16.4	6	M6	74	70	8	34	17.3	5	M6
AD-20A**	32	20	20.4			77	73			21.3		
AD-25A**	35	25	25.4	8	M8	85	80	10	38	26.7	6	M8
AD-28A**	40	28	28.4							29.7		
AD-36A**	45	36	36.6	10	M8	106	101	10	45	37.7	8	M8
AD-48A**	58	48	48.6	12	M10	123	123	12	57	50.1	10	M10

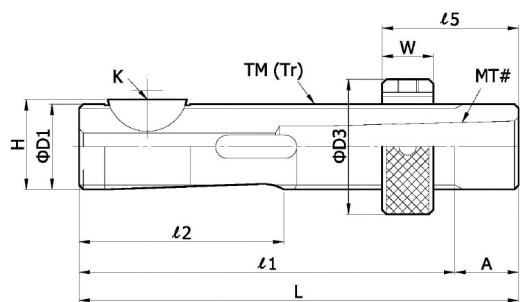


FIG.1

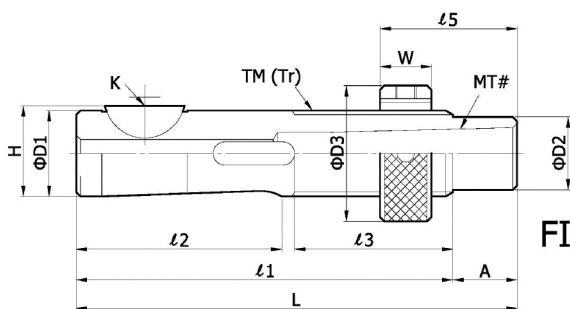


FIG.2

加長型調整套筒(普慧規格，適用ISO規格) IOS LONG TYPE

訂購編號 ORDER NO	D1	TM	MT.NO	ℓ1	ℓ2	ℓ3	D2	A	L	H	D3	W	FIG	WOODRUFF KEY 半圓鍵K	螺帽 NUT
AD-16AX1+25	16	16X1.5	MT.1	85	45	35	16	25	110	17.1	24.6	12	1	KEY-5X16	CAP-AD16A
AD-16AX1+50								50	135						
AD-16AX1+75								75	160						
AD-20AX1+25	20	20X2	MT.1	88	48	37	17	25	113	21.1	31.6	12	2	KEY-5X19	CAP-AD20A
AD-20AX1+50								50	138						
AD-20AX1+75								75	163						
AD-25AX1+25	25	25X2	MT.1	95	53	39	22	25	120	26.5	36.6	12	2	KEY-6X22	CAP-AD25A
AD-25AX1+50								50	145						
AD-25AX1+75								75	170						
AD-25AX2+25	25	25X2	MT.2	95	53	39	22	25	120	26.5	36.6	12	2	KEY-6X22	CAP-AD25A
AD-25AX2+50								50	145						
AD-25AX2+75								75	170						
AD-28AX1+25	28	28X2	MT.1	95	53	39	25	25	120	29.5	39.6	12	2	KEY-6X22	CAP-AD28A
AD-28AX1+50								50	145						
AD-28AX1+75								75	170						
AD-28AX2+25	28	28X2	MT.2	95	53	39	25	25	120	29.5	39.6	12	2	KEY-6X22	CAP-AD28A
AD-28AX2+50								50	145						
AD-28AX2+75								75	170						
AD-36AX2+25	36	36X2	MT.2	118	68	47	33	25	143	37.5	49.6	14	2	KEY-8X28	CAP-AD36A
AD-36AX2+50								50	168						
AD-36AX2+75								75	195						
AD-36AX3+25	36	36X2	MT.3	118	68	47	33	25	143	37.5	49.6	14	2	KEY-8X28	CAP-AD36A
AD-36AX3+50								50	168						
AD-36AX3+75								75	195						
AD-48AX3+25	48	48X2	MT.3	144	79	62	45	25	169	49.9	66.6	18	2	KEY-10X32	CAP-AD48A
AD-48AX3+50								50	194						
AD-48AX3+75								75	219						
AD-48AX4+25	48	48X2	MT.4	144	79	62	45	25	169	49.9	66.6	18	2	KEY-10X32	CAP-AD48A
AD-48AX4+50								50	194						
AD-48AX4+75								75	219						