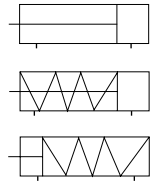


自由安装气缸 Free Mount Air Cylinder Series KCU (Ø6~Ø32)



规格 Specifications

缸径 Bore size (mm)	6	10	16	20	25	32
接管口径 Port size Rc(PT)	M5x0.8					1/8
使用流体 Fluid	过滤洁净空气 Filtered clean air					
动作形式 Action	双动 / 单动 Double acting/ Single acting					
保证耐压力 Proof pressure (MPa)	1.5					
使用压力范围 Operating pressure range (MPa)	0.05~1.0					
环境及流体温度 Ambient and fluid temperature	-5~60°C (未冻结 No freezing)					
活塞速度 Piston speed	50~500 mm/s					
缓冲 Cushion	橡胶缓冲 Rubber bumper					
行程公差 Stroke tolerance (mm)	+1.0 0					
* 润滑 Lubrication	不需要 Not required					

* 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

行程 / 磁性开关 Stroke/ Auto switch

缸径 Bore size (mm)	标准行程 Standard stroke (mm)		磁性开关 / 轨道安装 Auto switch/ Rail mounting
	双动 Double acting	单动 Single acting	
6, 10	5, 10, 15, 20, 25, 30, 35	5, 10, 15, 20	D-A90K
16	5, 10, 15, 20, 25, 30, 40, 50		
20, 25, 32	5, 10, 15, 20, 25, 30, 40, 50, 60		

型号表示方法 How to Order

KC
D
U
W
16
-
15
D
-
ST10
-
A90K
S

磁环 Magnet

-	无 None
D	内置磁环 Built-in magnet

活塞杆形式 Rod type

-	基本型 Basic
K	杆不回转型 Non-rotating
W	双活塞杆 (仅双动) Double rod (double acting only)
KW	杆不回转双活塞杆 (仅双动) Non-rotating double rod (double acting only)

动作形式 Action

D	双动 Double acting
S	单动 (弹簧压回) Single acting (Spring return)
T	单动 (弹簧压出) Single acting (Spring extend)

行程 Stroke (mm)

缸径 Bore size (mm)

可调行程 Adjustable stroke

-	None
ST10	10 mm
ST20	20 mm
ST30	30 mm

磁性开关数量 No. of auto switches

-	2
S	1
3	3

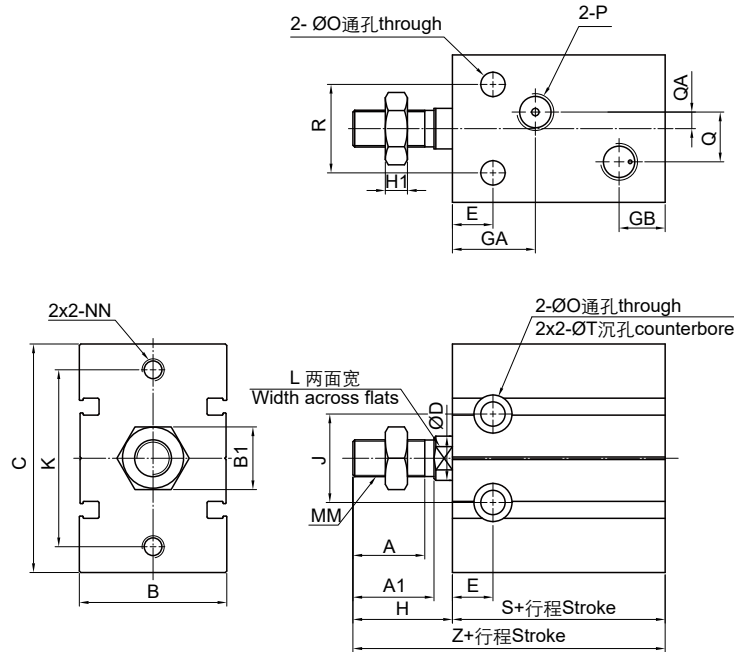
磁性开关 Auto switch

A90K	D-A90K	有接点型 Reed switch
A90KD	D-A90KD	两线式无接点 2-wire, solid state
A90KN	D-A90KN	NPN 无接点 NPN solid state output
A90KP	D-A90KP	PNP 无接点 PNP solid state output

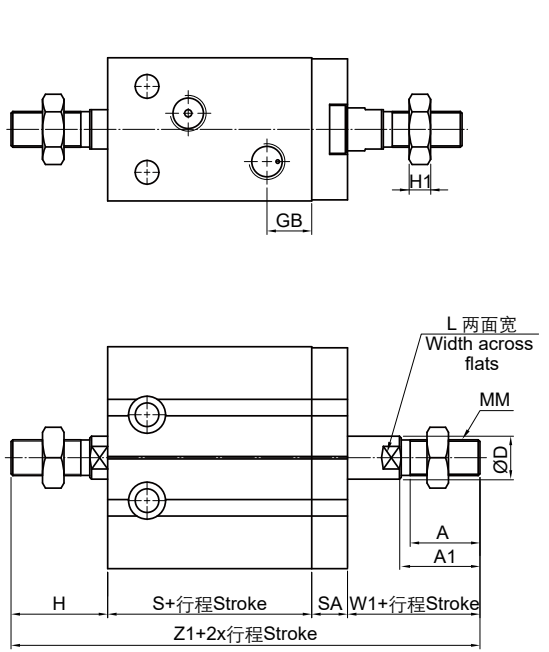
自由安装气缸 Free Mount Air Cylinder Series **KCU**

外形尺寸图 Dimensions (mm)

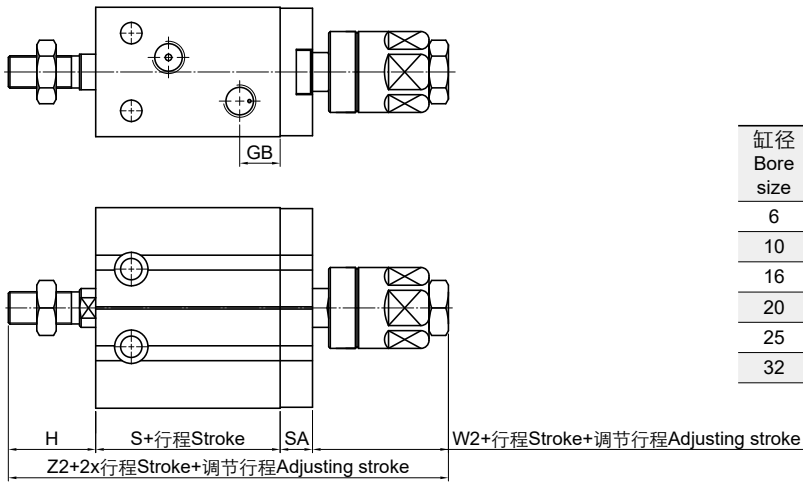
KC(D)U-D



KC(D)UW-D



KC(D)U-ST



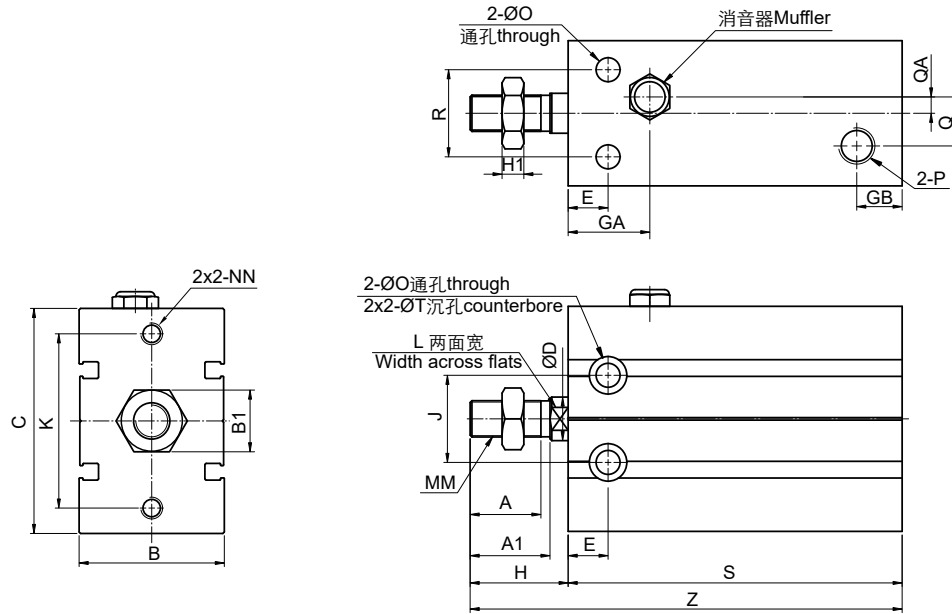
缸径 Bore size	KCU				KCDU			
	S	Z	Z1	Z2	S	Z	Z1	Z2
6	33	46	70	70	33	46	70	70
10	36	52	74	72.7	36	52	74	72.7
16	30	46	69.5	70.5	40	56	79.5	80.5
20	36	55	83	85	46	65	93	95
25	40	63	95	97	50	73	105	107
32	42	69	106	106	52	79	116	116

缸径 Bore size	A	A1	B	B1	C	D	E	GA	GB	H	H1	J	K	L	MM	NN	O	P	Q	QA	R	SA	T	W1	W2
6	7	8	16.5	5.5	22	3	7	14	10	13	2.4	10	17	-	M3x0.5	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	7	6	6 深 depth 5	13	13
10	10	11	16.5	7	24	4	7	15.5	10	16	2.4	11	18	-	M4x0.7	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	9	6	6 深 depth 5.6	16	14.7
16	11	12.5	20	8	32	6	7	14.5	10	16	4	14	25	5	M5x0.8	M4x0.7 深 depth 5	4.5	M5x0.8	3	1.5	12	7.5	7.6 深 depth 6.5	16	17
20	12	14	26	10	40	8	9	19	11	19	5	16	30	6	M6x1.0	M5x0.8 深 depth 7.5	5.5	M5x0.8	9	4.5	16	9	9.3 深 depth 8	19	21
25	15.5	18	32	12	50	10	10	21.5	8.5	23	6	20	38	8	M8x1.25	M5x0.8 深 depth 8	5.5	M5x0.8	12	6	20	9	9.3 深 depth 9	23	25
32	19.5	22	40	17	62	12	11	23	12.5	27	6	24	48	10	M10x1.25	M6x1.0 深 depth 9	6.6	1/8	13	4.5	24	10	11 深 depth 11.5	27	27

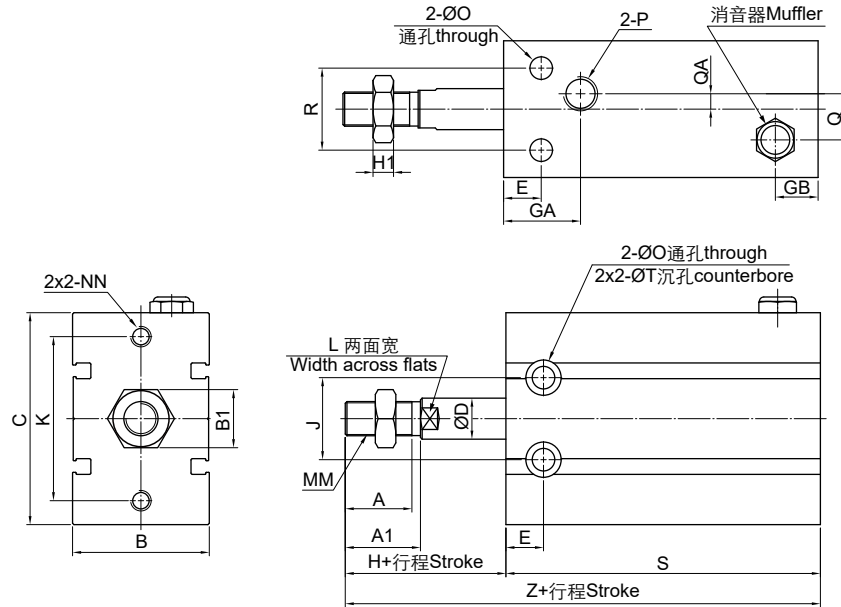
自由安装气缸 Free Mount Air Cylinder Series **KCU**

外形尺寸图 Dimensions (mm)

KC(D)U-S



KC(D)U-T



缸径 Bore size	KCU-S(T)							
	S				Z			
	ST=5	ST=10	ST=15	ST=20	ST=5	ST=10	ST=15	ST=20
6	43	48	58	63	56	61	71	76
10	46	51	61	66	62	67	77	82
16	45	50	65	70	61	66	81	86
20	51	56	71	76	70	75	90	95
25	55	60	75	80	78	83	98	103
32	57	62	77	82	84	89	104	109

缸径 Bore size	KCDU-S(T)							
	S				Z			
	ST=5	ST=10	ST=15	ST=20	ST=5	ST=10	ST=15	ST=20
6	43	48	58	63	56	61	71	76
10	46	51	61	66	62	67	77	82
16	55	60	75	80	71	76	91	96
20	61	66	81	86	80	85	100	105
25	65	70	85	90	88	93	108	113
32	67	72	87	92	94	99	114	119

缸径 Bore size	A	A1	B	B1	C	D	E	GA	GB	H	H1	J	K	L	MM	NN	O	P	Q	QA	R	T
6	7	8	16.5	5.5	22	3	7	14	10	13	2.4	10	17	-	M3x0.5	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	7	6 深 depth 5
10	10	11	16.5	7	24	4	7	15.5	10	16	2.4	11	18	-	M4x0.7	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	9	6 深 depth 5.6
16	11	12.5	20	8	32	6	7	14.5	10	16	4	14	25	5	M5x0.8	M4x0.7 深 depth 5	4.5	M5x0.8	3	1.5	12	7.6 深 depth 6.5
20	12	14	26	10	40	8	9	19	11	19	5	16	30	6	M6x1.0	M5x0.8 深 depth 7.5	5.5	M5x0.8	9	4.5	16	9.3 深 depth 8
25	15.5	18	32	12	50	10	10	21.5	8.5	23	6	20	38	8	M8x1.25	M5x0.8 深 depth 8	5.5	M5x0.8	12	6	20	9.3 深 depth 9
32	19.5	22	40	17	62	12	11	23	12.5	27	6	24	48	10	M10x1.25	M6x1.0 深 depth 9	6.6	1/8	13	4.5	24	11 深 depth 11.5

自由安装气缸

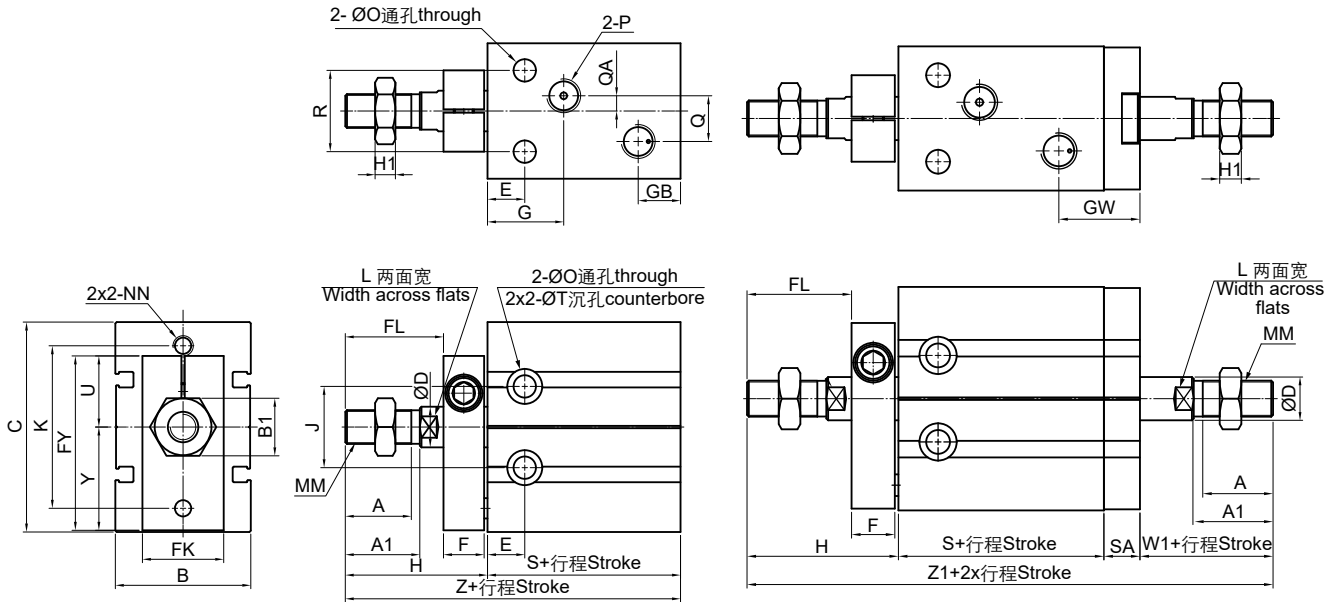
Free Mount Air Cylinder

Series **KCU**

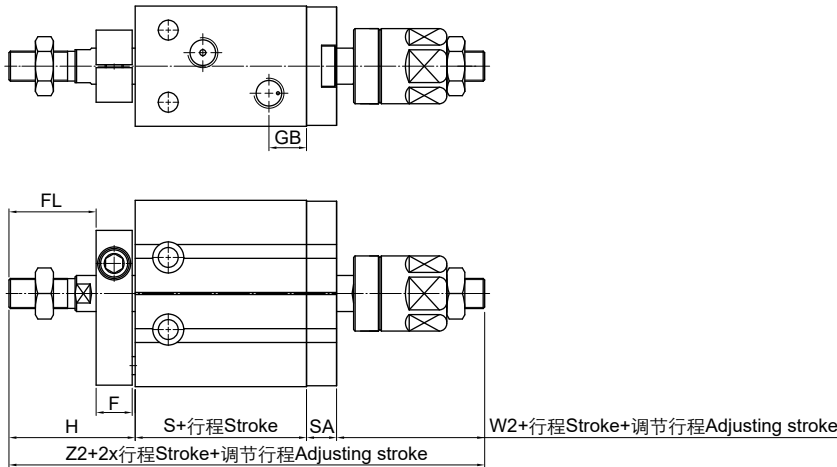
外形尺寸图 Dimensions (mm)

KC(D)UK-D

KC(D)UKW-D



KC(D)UK-ST



缸径 Bore size	KCUK				KCDUK			
	S	Z	Z1	Z2	S	Z	Z1	Z2
6	33	51	75	75	33	51	75	75
10	36	57	79	77.7	36	57	79	77.7
16	30	56	79.5	80.5	40	66	89.5	90.5
20	36	65	93	95	46	75	103	105
25	40	73	105	107	50	83	115	117
32	42	84	121	121	52	94	131	131

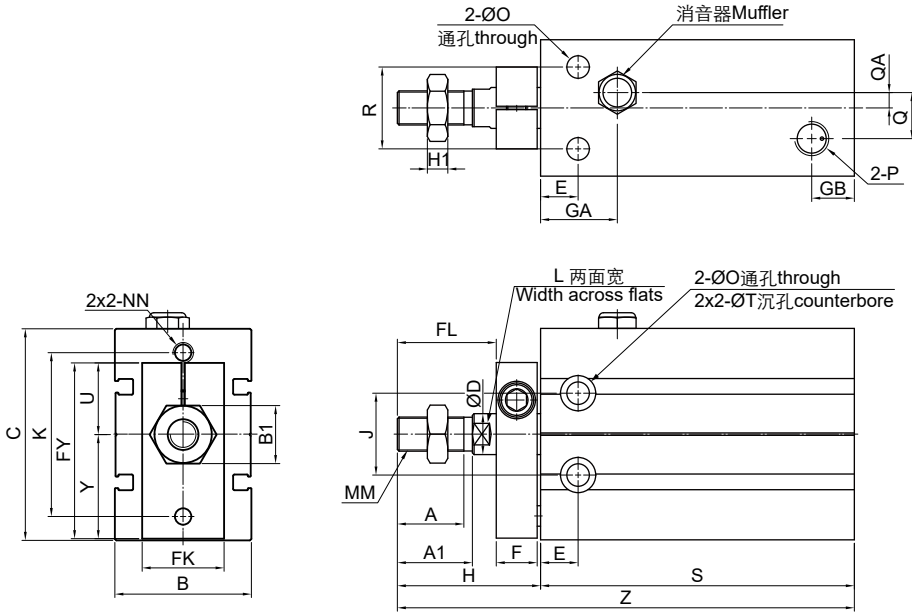
缸径 Bore size	T	U	W1	W2	Y
6	6 深 depth 5	8.1	13	13	10.9
10	6 深 depth 5.6	8.6	16	14.7	11.9
16	7.6 深 depth 6.5	10.6	16	17	15.9
20	9.3 深 depth 8	12.2	19	21	19.8
25	9.3 深 depth 9	15.2	23	25	24.8
32	11 深 depth 11.5	18.2	27	27	30.8

缸径 Bore size	A	A1	B	B1	C	D	E	F	FL	FK	FY	GA	GB	H	H1	J	K	L	MM	NN	O	P	Q	QA	R	SA
6	7	8	16.5	5.5	22	3	7	8	9	11	19	14	10	18	2.4	10	17	-	M3x0.5	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	7	6
10	10	11	16.5	7	24	4	7	8	12	13	20.5	15.5	10	21	2.4	11	18	-	M4x0.7	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	9	6
16	11	12.5	20	8	32	6	7	8	17	13	26.5	14.5	10	26	4	14	25	5	M5x0.8	M4x0.7 深 depth 5	4.5	M5x0.8	3	1.5	12	7.5
20	12	14	26	10	40	8	9	8	20	16	32	19	11	29	5	16	30	6	M6x1.0	M5x0.8 深 depth 7.5	5.5	M5x0.8	9	4.5	16	9
25	15.5	18	32	12	50	10	10	10	22	19	40	21.5	8.5	33	6	20	38	8	M8x1.25	M5x0.8 深 depth 8	5.5	M5x0.8	12	6	20	9
32	19.5	22	40	17	62	12	11	12	29	24	49	23	12.5	42	6	24	48	10	M10x1.25	M6x1.0 深 depth 9	6.6	1/8	13	4.5	24	10

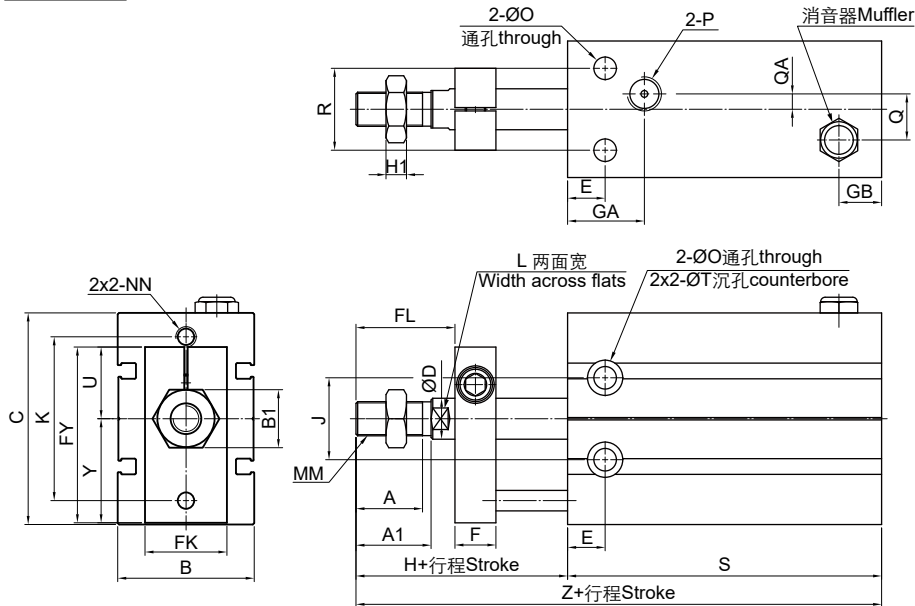
自由安装气缸 Free Mount Air Cylinder Series **KCU**

外形尺寸图 Dimensions (mm)

KC(D)UK-S



KC(D)UK-T



缸径 Bore size	KCUK-S(T)							
	S				Z			
	ST=5	ST=10	ST=15	ST=20	ST=5	ST=10	ST=15	ST=20
6	43	48	58	63	61	66	76	81
10	46	51	61	66	67	72	82	87
16	45	50	65	70	71	76	91	96
20	51	56	71	76	80	85	100	105
25	55	60	75	80	88	93	108	113
32	57	62	77	82	99	104	119	124

缸径 Bore size	KCDUK-S(T)							
	S				Z			
	ST=5	ST=10	ST=15	ST=20	ST=5	ST=10	ST=15	ST=20
6	43	48	58	63	61	66	76	81
10	46	51	61	66	67	72	82	87
16	55	60	75	80	81	86	101	106
20	61	66	81	86	90	95	110	115
25	65	70	85	90	98	103	118	123
32	67	72	87	92	109	114	129	134

缸径 Bore size	A	A1	B	B1	C	D	E	F	FL	FK	FY	GA	GB	H	H1	J	K	L	MM	NN	O	P	Q	QA	R	T	U	Y
6	7	8	16.5	5.5	22	3	7	8	9	11	19	14	10	18	2.4	10	17	-	M3x0.5	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	7	6 深 depth 5	8.1	10.9
10	10	11	16.5	7	24	4	7	8	12	13	20.5	15.5	10	21	2.4	11	18	-	M4x0.7	M3x0.5 深 depth 5	3.2	M5x0.8	-	-	9	6 深 depth 5.6	8.6	11.9
16	11	12.5	20	8	32	6	7	8	17	13	26.5	14.5	10	26	4	14	25	5	M5x0.8	M4x0.7 深 depth 5	4.5	M5x0.8	3	1.5	12	7.6 深 depth 6.5	10.6	15.9
20	12	14	26	10	40	8	9	8	20	16	32	19	11	29	5	16	30	6	M6x1.0	M5x0.8 深 depth 7.5	5.5	M5x0.8	9	4.5	16	9.3 深 depth 8	12.2	19.8
25	15.5	18	32	12	50	10	10	10	22	19	40	21.5	8.5	33	6	20	38	8	M8x1.25	M5x0.8 深 depth 8	5.5	M5x0.8	12	6	20	9.3 深 depth 9	15.2	24.8
32	19.5	22	40	17	62	12	11	12	29	24	49	23	12.5	42	6	24	48	10	M10x1.25	M6x1.0 深 depth 9	6.6	1/8	13	4.5	24	11 深 depth 11.5	18.2	30.8