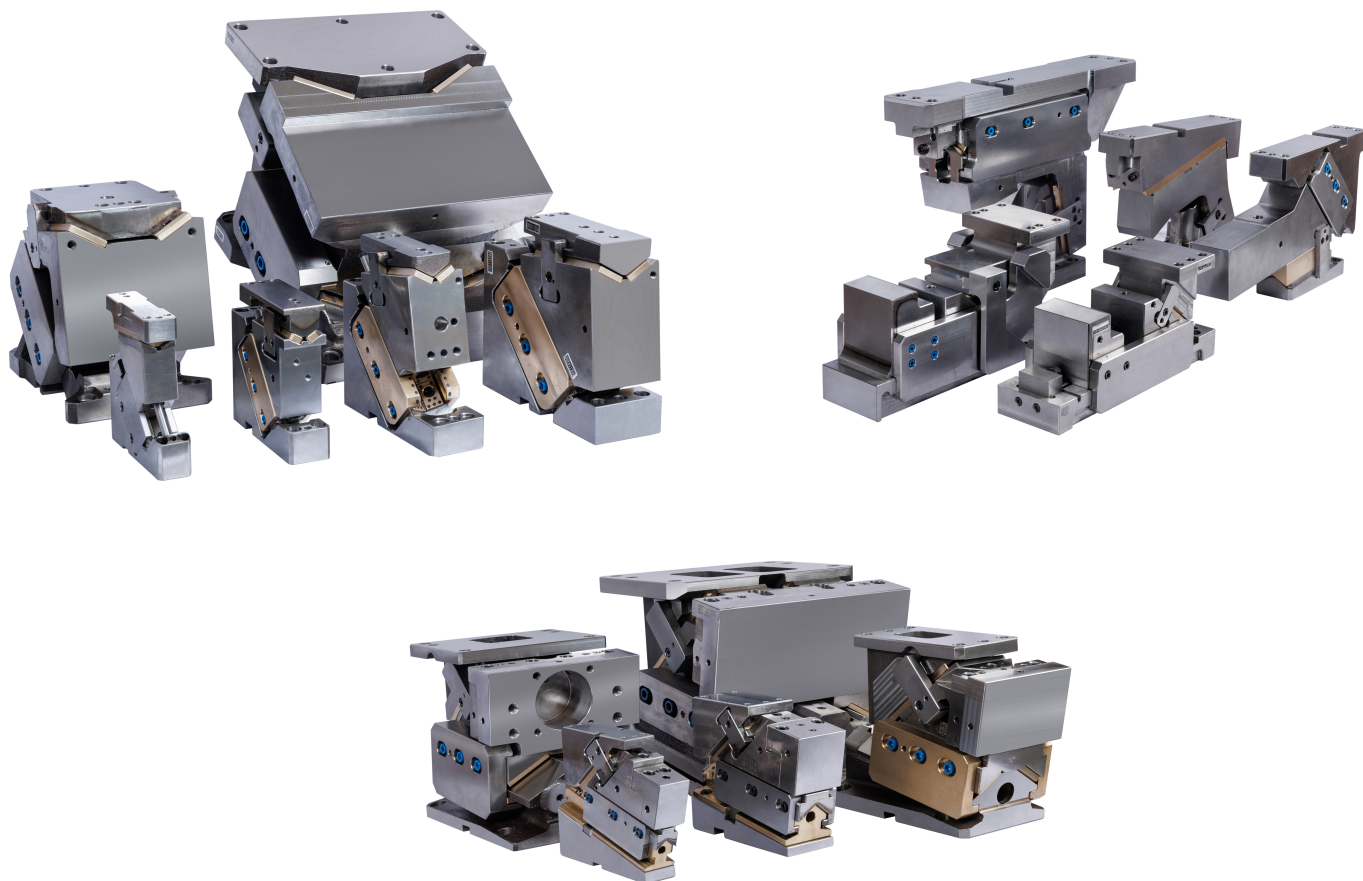




斜楔机构目录

V1.0 20250820



嘉兴迈特尔宝欣机械有限公司
JIAXING NYC INDUSTRIAL CO., LTD.

中国滑动轴承标准化发起委员单位之一



嘉兴迈特尔宝欣机械工业有限公司（NYC）是2003年成立的中欧合资企业。股东双方分别是奥地利钢铁联合集团（奥钢联）和嘉善百纳商贸有限公司。

我们致力于--生产销售各类标准的冲压模具导向件，斜楔机构，热成型模具镶块，氮气弹簧，及其他各类FA工厂自动化定制精密部件，并逐步形成产业化优势和必要的差异化特色。

经十数年的不懈努力、坚持专注，与行业内几近所有国际知名品牌建立了稳定的合作关系，培育了良好的知名度和美誉度。同时，先后获得“中国重点骨干模具企业”，“国家高新技术企业”等荣誉称号。

NYC具备完善的销售、技术研发、生产、供应链管理、质量和售后服务体系。

在我们贯彻“追求卓越”和“领先一步”的理念下，立足于中国，服务予世界。

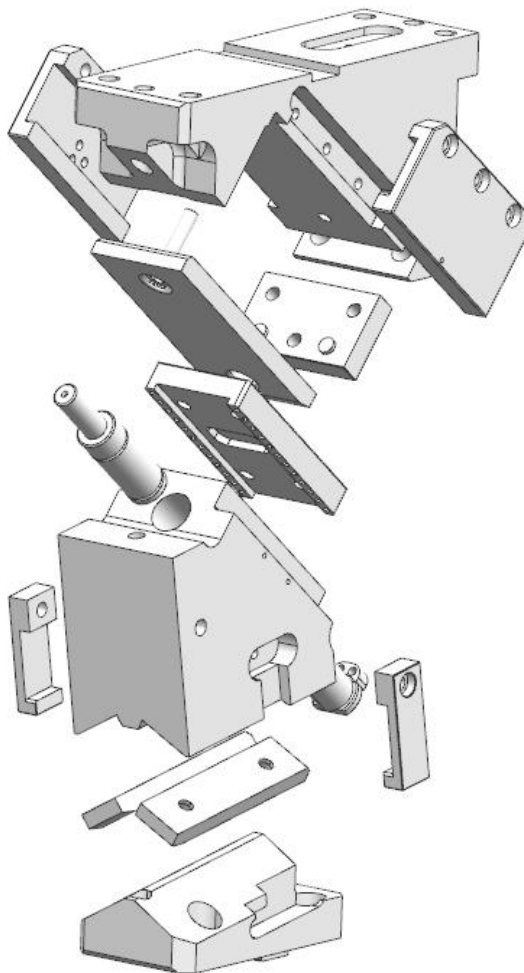
JIAXING NYC INDUSTRIAL CO., LTD is a sino-european joint venture established in 2003. The shareholders are Voestalpine and Jiashan Baina Commercial & Trade Co. , Ltd.

We are committed to research & produce all kinds of standard stamping Guide Elements, Cam Units, Die Units for Hot Forming, Gas springs and other various customized precision components for FA Factory Automation, and gradually form the industrialization advantages and necessary differentiation features.

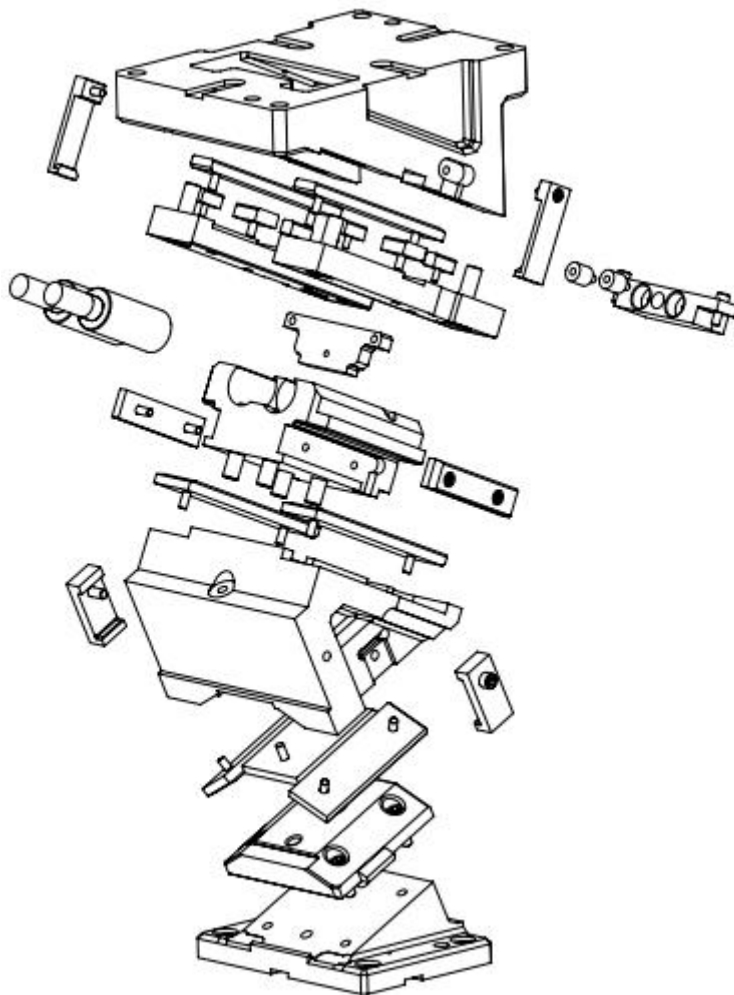
After decades of unremitting efforts and persistent concentration, NYC has established stable cooperative relations with almost all international famous brands in this field. At the same time, we have won the “China Key Backbone Mold Enterprises”, “National High- Tech Enterprises” and other honorary titles.

NYC has its perfect sales, technical research and development, production, supply chain management, quality and after-sales service system.

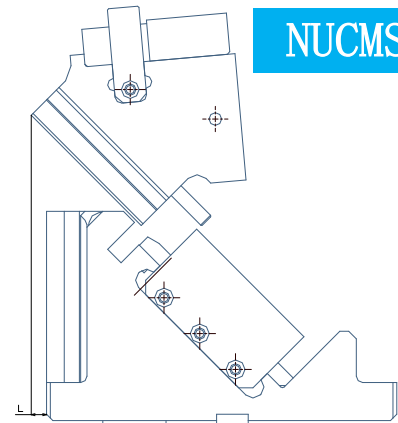
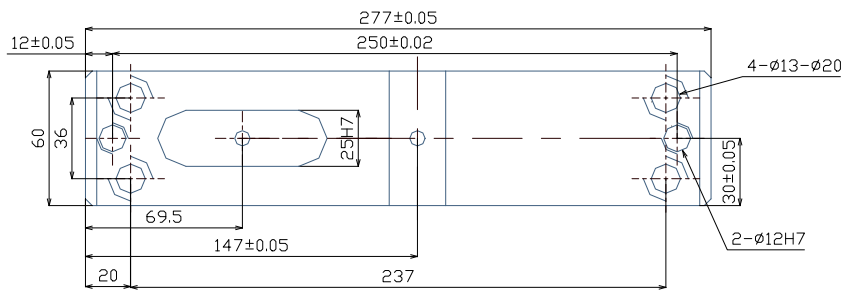
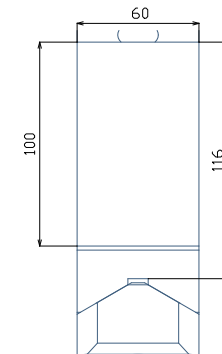
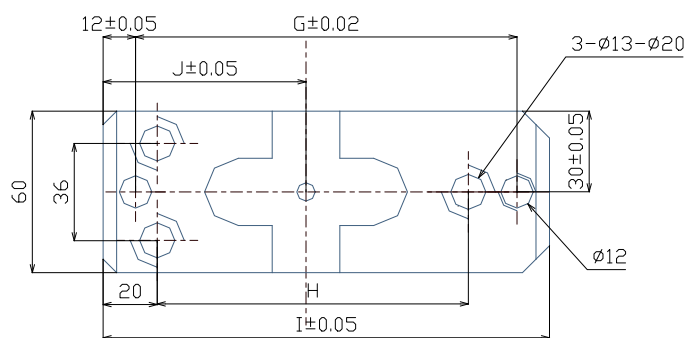
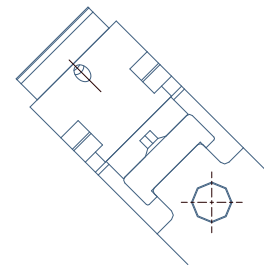
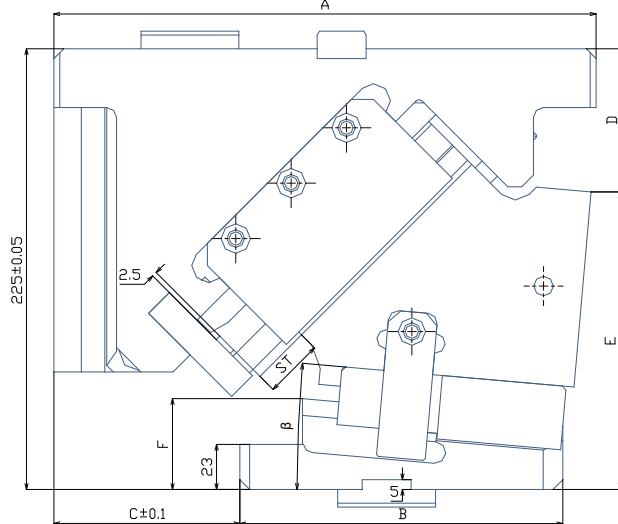
We carry out the concept of “pursuit of excellence” and “one step ahead”, based in China, to serve the world.

NUCMSV60 · 85 · 110结构示意图

使用说明

- 模具闭模时，斜楔机构的闭合高度不可低于《斜楔机构目录》中给定的闭合高度，以免过行程，造成机构损坏。
- 滑块的工作面可以安装冲孔凸模等，请尽量使压力中心位于滑块工作面的几何中心或靠近中心，以免偏载造成滑块复位不畅或机构损坏。
- 拆卸时，首先拆下挡板，然后从滑块座后部小心抽出滑块。
- 请妥善保管拆卸后的所有组件。
- 在滑块的工作面上进行孔加工时，请确保装夹可靠且不可伤及滑块。
- 重新组装前，请确保相关组件无铁屑、粉尘等，尤其是追加加工后的滑块应重新擦拭干净。
- 两返楔拉板具有方向性，请务必保证方向准确。
- 重新组装时，首先请将相关相对滑动部位涂抹少许润滑油，然后将滑块插入滑块座，最后安装挡板并紧固。
- 为确保机构的侧向间隙和竖向间隙，请务必确认机构组件上的刻字番号后进行组装。
- 所有的螺钉，垫片等请务必不可缺少地安装到相应部位，并确保联结可靠。
- 整个机构安装到模具上时，请确保联结可靠。

NUCMSV165 · 200 · 250 · 300 · 350 · 400结构示意图

使用说明

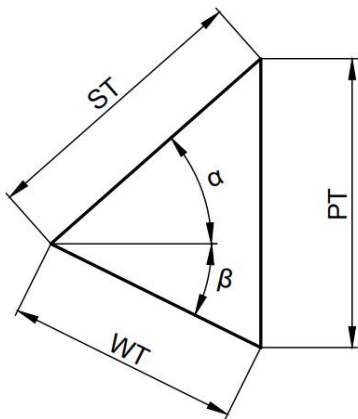
- 模具闭模时，斜楔机构的闭合高度不可低于《斜楔机构目录》中给定的闭合高度，以免过行程，造成机构损坏。
- 滑块的工作面可以安装冲孔凸模等，请尽量使压力中心位于滑块工作面的几何中心或靠近中心，以免偏载造成滑块复位不畅或机构损坏。
- 拆卸时，首先拆下挡板，然后从滑块座后部小心抽出滑块。
- 请妥善保管拆卸后的所有组件。
- 在滑块的工作面上进行孔加工时，请确保装夹可靠且不可伤及滑块。
- 重新组装前，请确保相关组件无铁屑、粉尘等，尤其是追加工后的滑块应重新擦拭干净。
- 两返楔拉板具有方向性，请务必保证方向准确。
- 重新组装时，首先请将相关相对滑动部位涂抹少许润滑油，然后将滑块插入滑块座，最后安装挡板并紧固。
- 为确保机构的侧向间隙和竖向间隙，请务必确认机构组件上的刻字番号后进行组装。
- 所有的螺钉，垫片等请务必不可缺少地安装到相应部位，并确保联结可靠。
- 整个机构安装到模具上时，请确保联结可靠。

NUCMSV 60

 后方取出示意图 **Rear Removal Space**


β	A	B	C	D	E	F	G	H	I	J	L
0°	267	167	100	69	156	38	141	115	165	75	-19
5°	274.45	179.45	95	73.08	151.92	46.5	141	115	165	75	-12
10°	272.04	186.04	86	77.56	147.44	55	141	115	165	75	3
15°	273.74	196.74	77	82.44	142.56	62	141	115	165	75	10
20°	273.5	204.5	69	88.73	136.27	71	141	115	165	75	18
25°	271.28	215.28	56	93.53	131.47	82	141	115	165	75	26
30°	270.02	222.02	48	98.57	126.43	96.5	141	115	165	75	30
35°	266.76	217.76	49	105.15	119.85	101	141	115	165	75	34
40°	262.47	223.47	39	112.1	112.9	108	121	95	145	65	43
45°	256.13	225.13	31	126.5	98.5	110	121	95	145	65	53
50°	249.8	226.8	23	134.78	90.22	113	106	80	130	58	59
55°	247.39	231.39	16	141.94	83.06	112	106	80	130	58	53
60°	237.95	232.95	5	149.36	75.64	120	106	80	130	58	61
65°	235	240	-5	163.68	61.32	120	106	80	130	58	61
70°	230	245	-15	177.95	47.05	120	106	80	130	58	71
75°	222	247	-25	187.73	37.27	135	106	80	130	58	74

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斜楔行程图
Diagram of Cam Travel



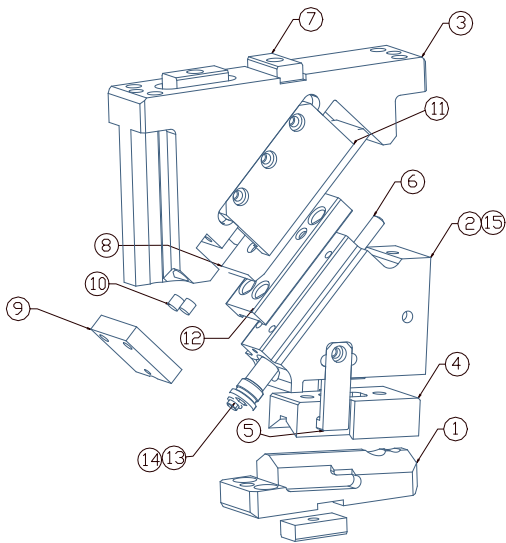
β	α	ST	PT	WT
0°	50°	30	23	19.3
5°	45°	30	23.1	21.3
10°	40°	30	23.3	23.3
15°	35°	30	23.8	25.4
20°	30°	30	24.5	27.6
25°	25°	30	25.4	30
30°	20°	30	26.5	32.6
35°	15°	30	28.1	35.4
40°	10°	30	30	38.6
45°	5°	30	32.5	42.3

β	α	ST	PT	WT
50°	0°	30	35.8	46.7
55°	0°	30	42.8	52.3
60°	0°	30	52	60
65°	0°	30	64.3	71
70°	0°	20	54.9	68.5
75°	0°	20	74.6	77.3

斜楔受力表
Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
60	0° ~65°	75	2.56	*GN (NYC品牌)
	70° ~75°	75	2.58	

斜楔构成零件表
Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	V型导板/V Plate	Bronze+Graphite	1
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	1
7	键/Key	45#	3
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthane		2
11	侧板/ Side Plate	Bronze+Graphite	2
12	U块/Cam Slide Guide	42CrMo	1
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	1

订购编号 Order number



订购
Order

Catalog.No	-	α	-	Type	-	Option
NUCMSV 60	-	50	-	GN	-	K

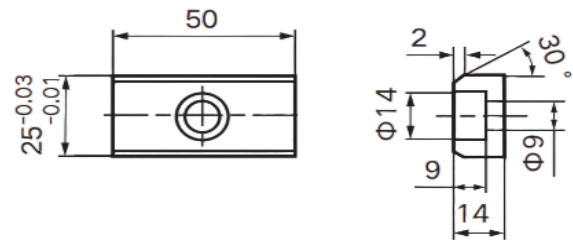
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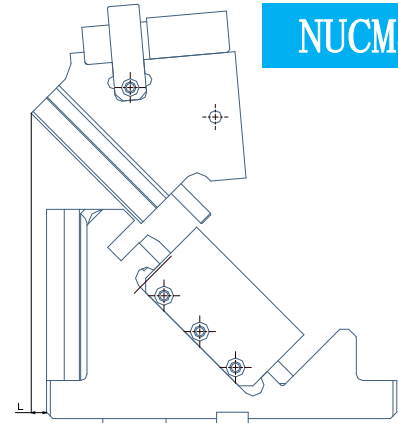
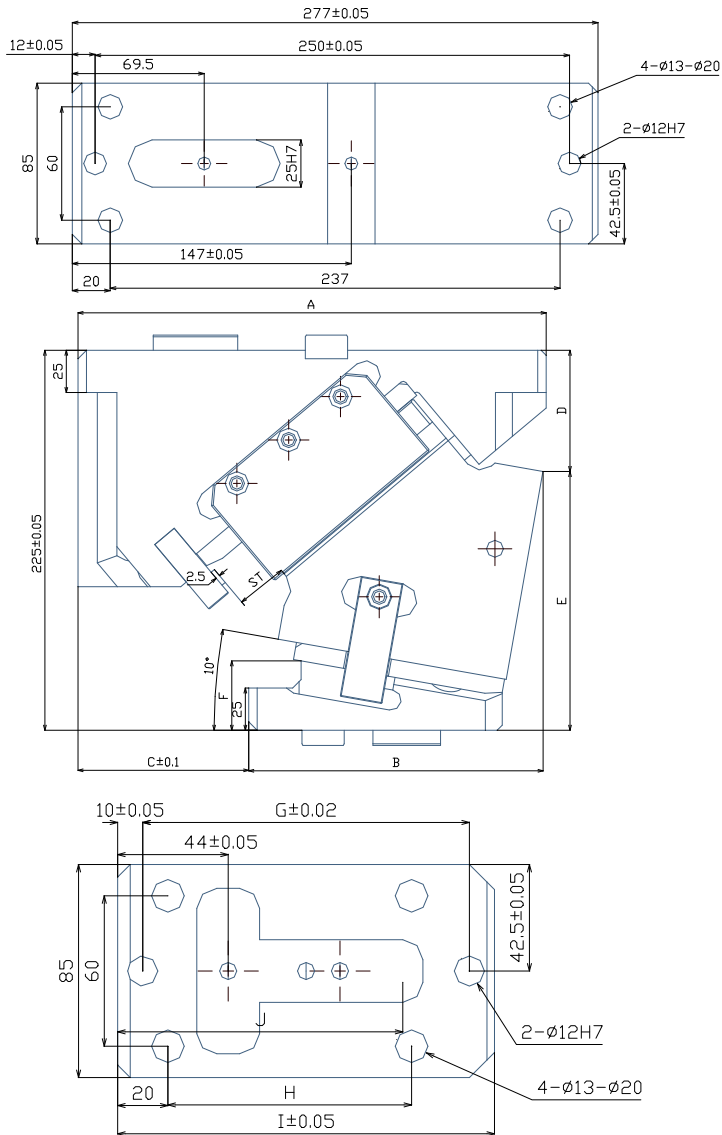
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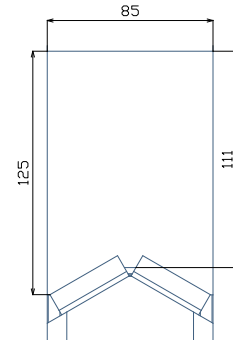
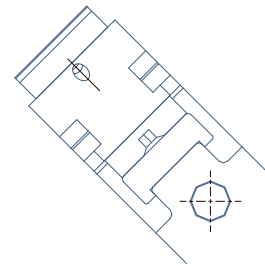
选择
Option

Code	Specification
K	键附加





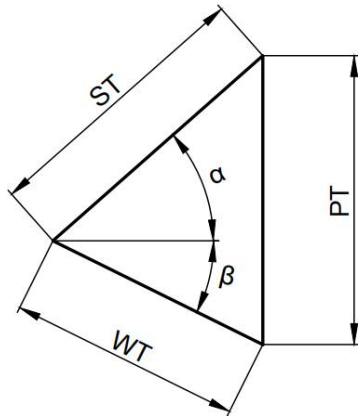
后方取出示意图 **Rear Removal Space**



β	A	B	C	D	E	F	G	H	I	J	L
0°	267	152	115	63	162	45	130	97	150	113.5	-12
5°	272.39	162.39	110	67.16	157.84	51.9	130	97	150	113.5	-4
10°	275.07	174.07	101	71.77	153.23	59.7	130	97	150	113.5	7
15°	277.99	185.99	92	79.72	145.28	65.7	130	97	150	113.5	14
20°	273.08	204.08	69	88.43	136.57	71	130	97	150	113.5	26
25°	271.3	211.3	60	94.15	130.85	85.8	130	97	150	113.5	35
30°	269.61	217.61	52	100.26	124.74	93	130	97	150	113.5	46
35°	265.99	218.99	47	103.46	121.54	104	130	97	150	113.5	56
40°	262.39	225.39	37	110.53	114.47	110	120	87	140	106.5	63
45°	256.82	233.82	23	117.97	107.03	115	120	87	140	106.5	70
50°	249.24	229.24	20	133.48	91.52	115	110	77	130	44	77
55°	250.67	231.67	19	140.79	84.21	110	110	77	130	44	66
60°	240.1	236.1	4	149.35	75.65	115	110	77	130	44	70
65°	235	240	-5	159.05	65.95	120	110	77	130	44	76
70°	230	245	-15	168.88	56.12	120	110	80	130	44	72
75°	228	253	-25	186.99	38.01	135	110	90	130	44	67

斜楔行程图

Diagram of Cam Travel



β	α	ST	PT	WT
0°	50°	30	23	19.3
5°	45°	30	23.1	21.3
10°	40°	30	23.3	23.3
15°	35°	30	23.8	25.4
20°	30°	30	24.5	27.6
25°	25°	30	25.4	30
30°	20°	30	26.5	32.6
35°	15°	30	28.1	35.4
40°	10°	30	30	38.6
45°	5°	30	32.5	42.3

β	α	ST	PT	WT
50°	0°	30	35.8	46.7
55°	0°	30	42.8	52.3
60°	0°	30	52	60
65°	0°	30	64.3	71
70°	0°	20	54.9	68.5
75°	0°	20	74.6	77.3

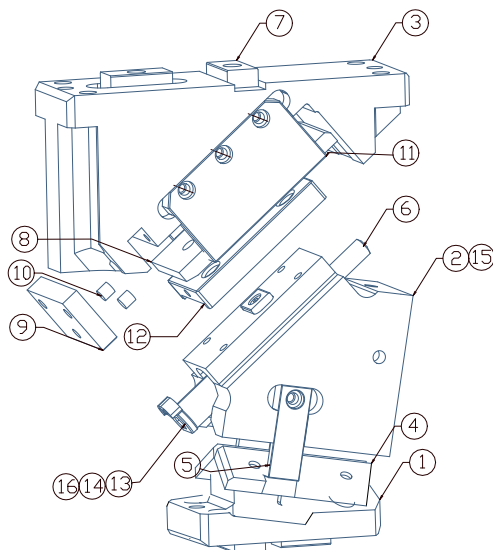
斜楔受力表

Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
85	0° ~65°	100	4.85	*GN (NYC品牌)
	70° ~75°	100	4.80	

斜楔构成零件表

Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/V Plate	Bronze+Graphite	2
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	1
7	键/Key	45#	3
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthane		2
11	侧板/ Side Plate	Bronze+Graphite	2
12	U块/Cam Slide Guide	42CrMo	1
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	1
16	安全板/Safety Plate	42CrMo	1

订购编号 Order number



订购
Order

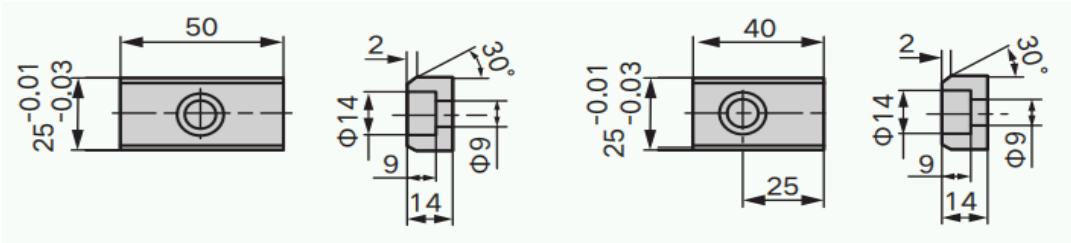
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NUCMSV 85	-	50	-	GN	-	K



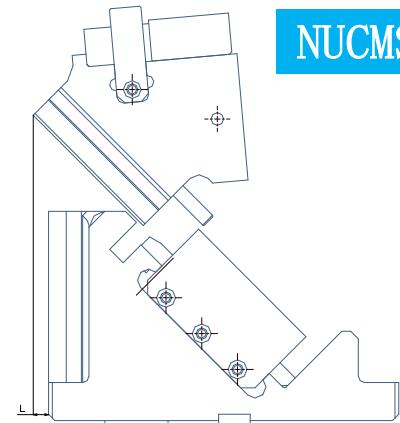
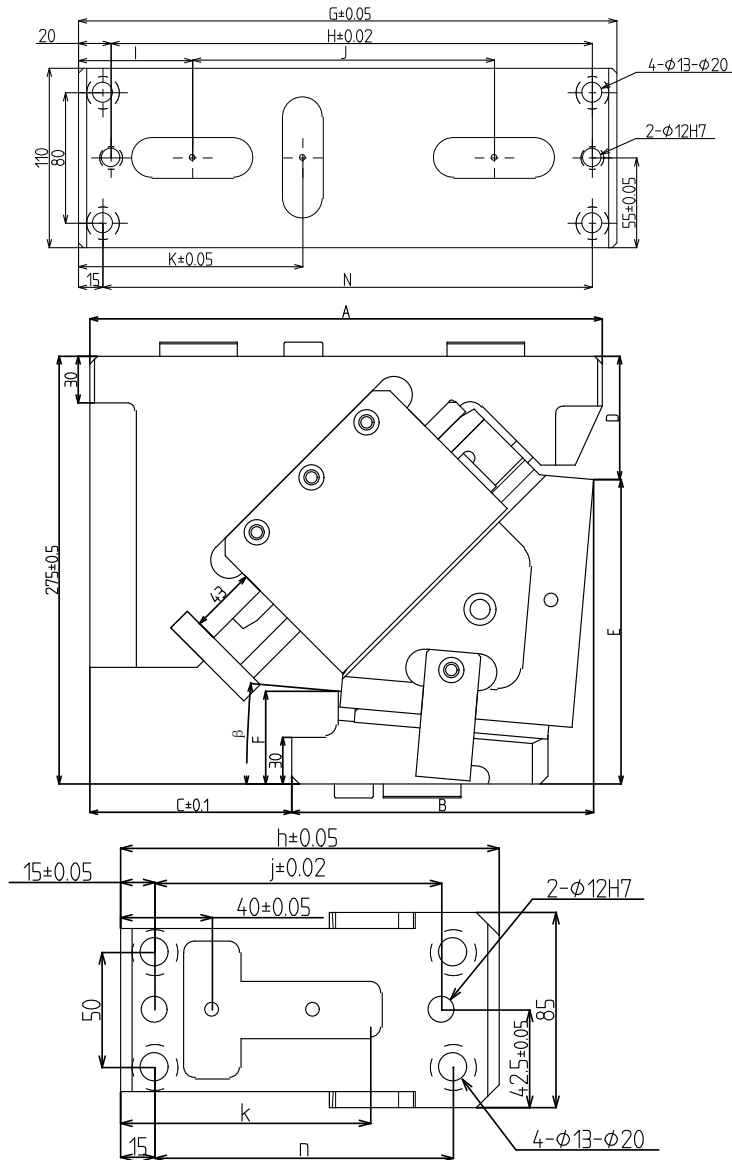
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Option

Code	Specification
K	键附加

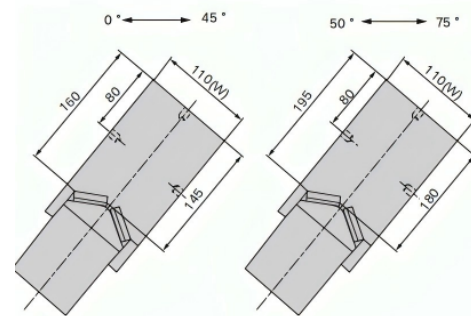
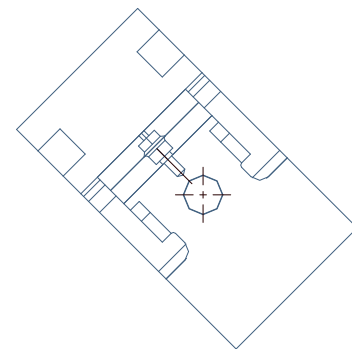
键
Key Specification



NUCMSV 110



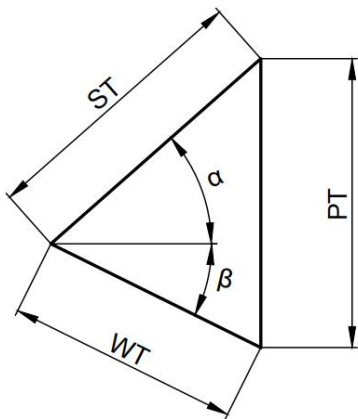
后方取出示意图 Rear Removal Space



β	A	B	C	D	E	F	G	H	I	J	K	N	j	k	n	h	L
0°	318	180	138	70	205	55	330	295	70	185	137.5	300	125	109	130	165	-12
5°	324.46	194.46	130	79.26	195.74	59.6	330	295	70	185	137.5	300	125	109	130	165	-4
10°	330.22	209.22	121	84.13	190.87	70.2	360	325	70	185	137.5	330	125	109	130	165	7
15°	336.2	222.2	114	94.45	180.55	76.8	360	325	75	205	192.5	330	125	109	130	165	14
20°	339.32	234.32	105	100.42	174.58	89.3	360	325	75	205	192.5	330	125	109	130	165	26
25°	340.51	246.51	94	109.67	165.33	100.8	360	325	75	205	192.5	330	125	109	130	165	35
30°	348.36	278.36	70	120.54	154.46	124.5	360	325	75	205	192.5	330	140	115	145	180	46
35°	343.52	289.52	54	127.82	147.18	125	360	325	75	205	192.5	330	140	115	145	180	56
40°	332.59	268.59	64	139.41	135.59	130	360	325	75	205	192.5	330	105	95	110	150	63
45°	322.52	277.52	45	149.44	125.56	140	360	325	75	205	192.5	330	105	95	110	150	70
50°	309.47	284.47	25	156.17	118.83	150	345	310	93	185	180.5	315	105	95	110	150	77
55°	311.07	293.07	18	169.79	105.21	155	345	310	93	185	180.5	315	105	95	110	150	66
60°	327.93	320.93	7	168.85	106.15	165	345	310	93	185	180.5	315	105	95	110	150	70
65°	317.17	327.17	-10	185	90	165	345	310	93	185	180.5	315	105	95	110	150	76
70°	313.12	333.12	-20	205	70	165	345	310	93	185	180.5	315	105	95	110	150	72
75°	306.76	336.76	-30	225	50	165	345	310	93	185	180.5	315	105	95	110	150	67

V1.0 20250820

斜楔行程图
Diagram of Cam Travel



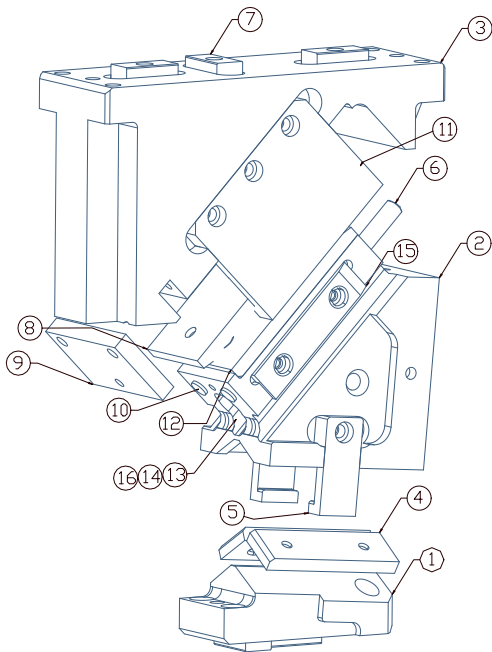
β	α	ST	PT	WT
0°	50°	50	38.3	32.1
5°	45°	50	38.4	35.5
10°	40°	50	38.9	38.9
15°	35°	50	39.7	42.4
20°	30°	50	40.8	46.1
25°	25°	50	42.3	50
30°	20°	50	44.2	54.3
35°	15°	50	46.8	59
40°	10°	50	50	64.3
45°	5°	50	54.2	70.4

β	α	ST	PT	WT
50°	0°	50	59.6	77.8
55°	0°	50	71.4	87.2
60°	0°	50	86.6	100
65°	0°	40	85.8	94.6
70°	0°	28	76.9	81.9
75°	0°	28	104.5	108.2

斜楔受力表
Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
110	0° ~60°	150	4.87	*GN (NYC品牌)
	65	150	4.88	
	70° ~75°	150	4.75	

斜楔构成零件表
Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/V Plate	Bronze+Graphite	2
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	1
7	键/Key	45#	3
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthane		2
11	侧板/ Side Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	1
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	导板/Wear Plate	42CrMo	2
16	安全板/Safety Plate	42CrMo	1

订购编号 Order number



订购
Order

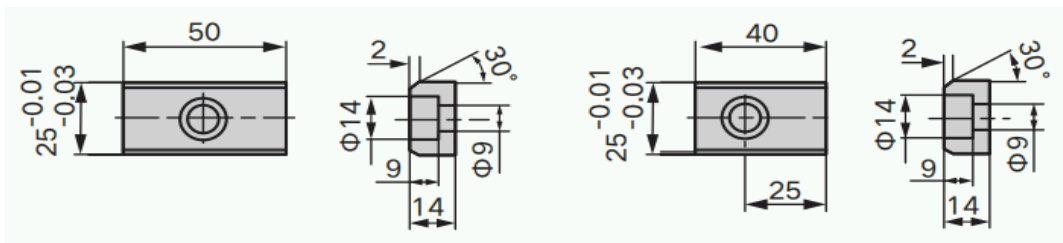
Catalog.No	-	α	-	Type	-	Option
NUCMSV 110	-	50	-	GN	-	K

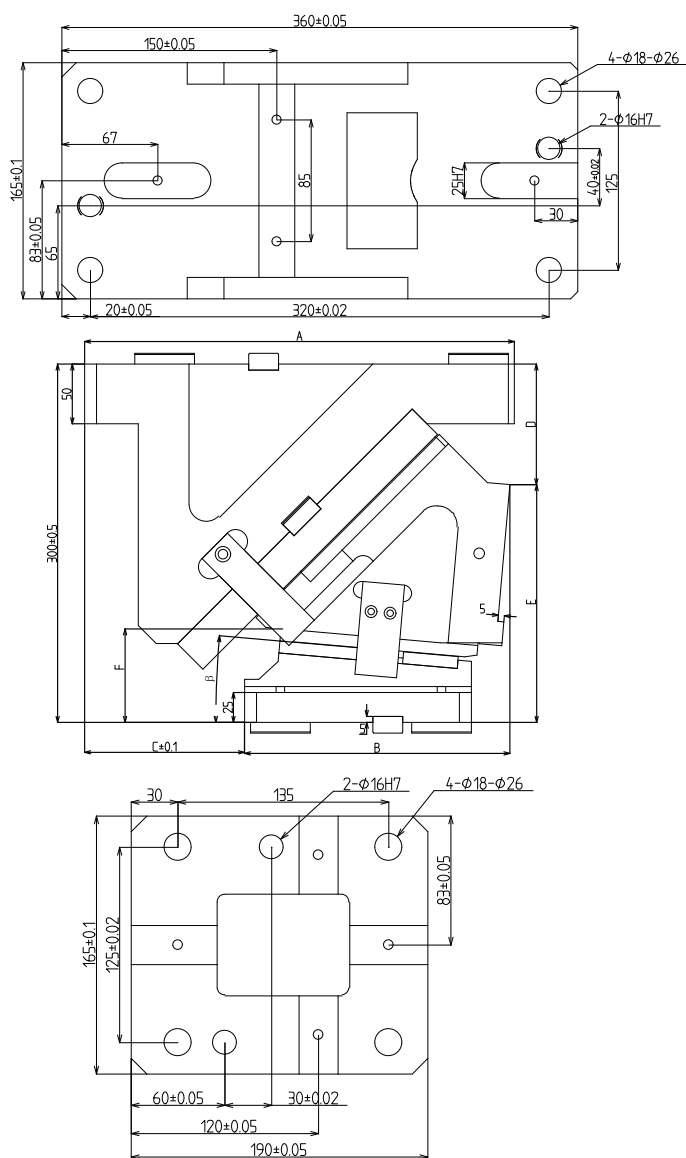


选择
Option

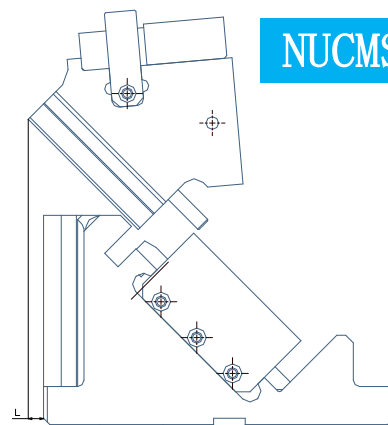
Code	Specification
K	键附加

键
Key Specification

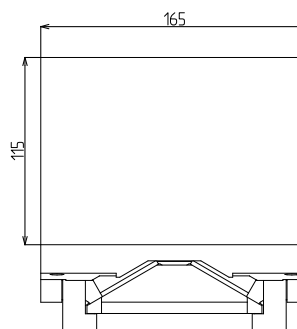
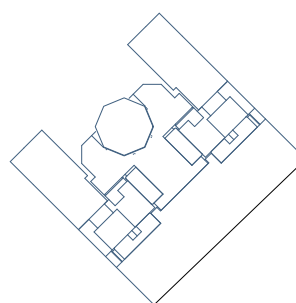




NUCMSV 165



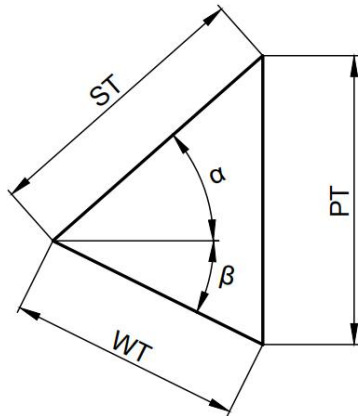
后方取出示意图 Rear Removal Space



β	A	B	C	D	E	F	L
0°	360	210	150	95	205	77.5	51
5°	356.25	222.25	134	100.91	199.09	87.8	76
10°	359.27	241.27	118	111.09	188.91	94.6	89
15°	355.78	244.78	111	122.47	177.53	101	109
20°	355.68	262.68	93	130	170	111.8	120
25°	354.25	274.25	80	138.92	161.08	121.6	131
30°	357.28	287.28	70	148.28	151.72	131.3	131
35°	345.8	281.8	64	158.89	141.11	139.9	149
40°	344.27	286.27	58	170.38	129.62	147.7	154
45°	344.86	304.86	40	182.66	117.34	154.5	154
50°	327.27	317.27	10	195.63	104.37	141.2	167
55°	324.39	324.39	0	210.2	89.8	127.3	167
60°	317.59	324.59	-7	215.63	84.37	128.9	167
65°	314.23	329.23	-15	231.4	68.6	132.5	167
70°	308.07	333.07	-25	245.67	54.33	132.9	167
75°	301.08	336.08	-35	260.24	39.76	132.3	167

斜楔行程图

Diagram of Cam Travel



β	α	ST	PT	WT
0°	50°	50	38.3	32.1
5°	45°	50	38.4	35.5
10°	40°	50	38.9	38.9
15°	35°	50	39.7	42.4
20°	30°	50	40.8	46.1
25°	25°	50	42.3	50
30°	20°	50	44.2	54.3
35°	15°	50	46.8	59
40°	10°	50	50	64.3
45°	5°	50	54.2	70.4

β	α	ST	PT	WT
50°	0°	50	59.6	77.8
55°	0°	35	50	61
60°	0°	20	34.6	40
65°	0°	20	42.9	47.3
70°	0°	20	55	58.5
75°	0°	15	56	58

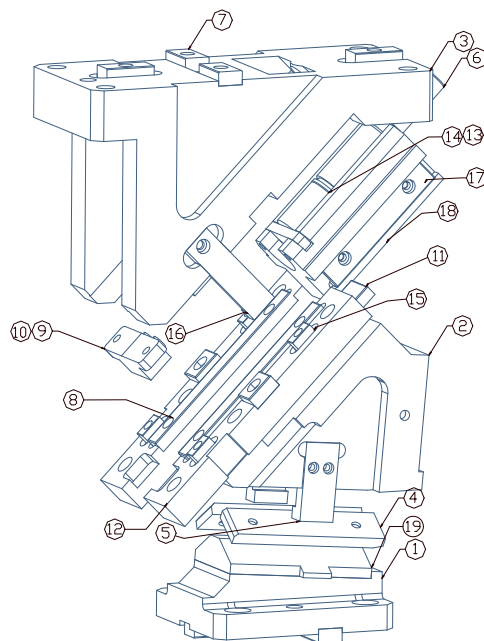
斜楔受力表

Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
165	0° ~50°	171	10.89	*GN (NYC品牌)
	55°	171	10.48	
	60° ~75°	171	9.72	

斜楔构成零件表

Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	1
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		2
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1

订购编号 Order number



订购
Order

Catalog.No	-	α	-	Type	-	Option
NUCMSV 165	-	50	-	GN	-	K

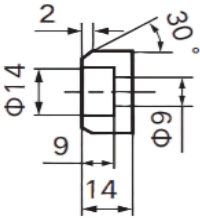
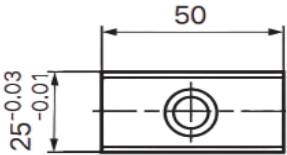
键

Key Specification

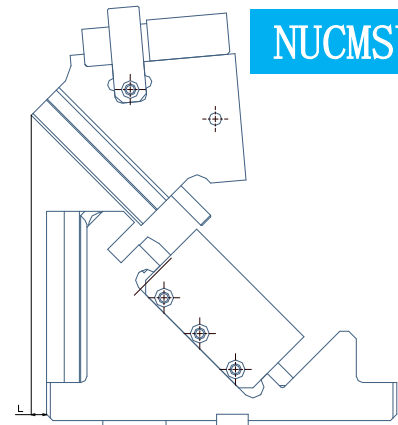
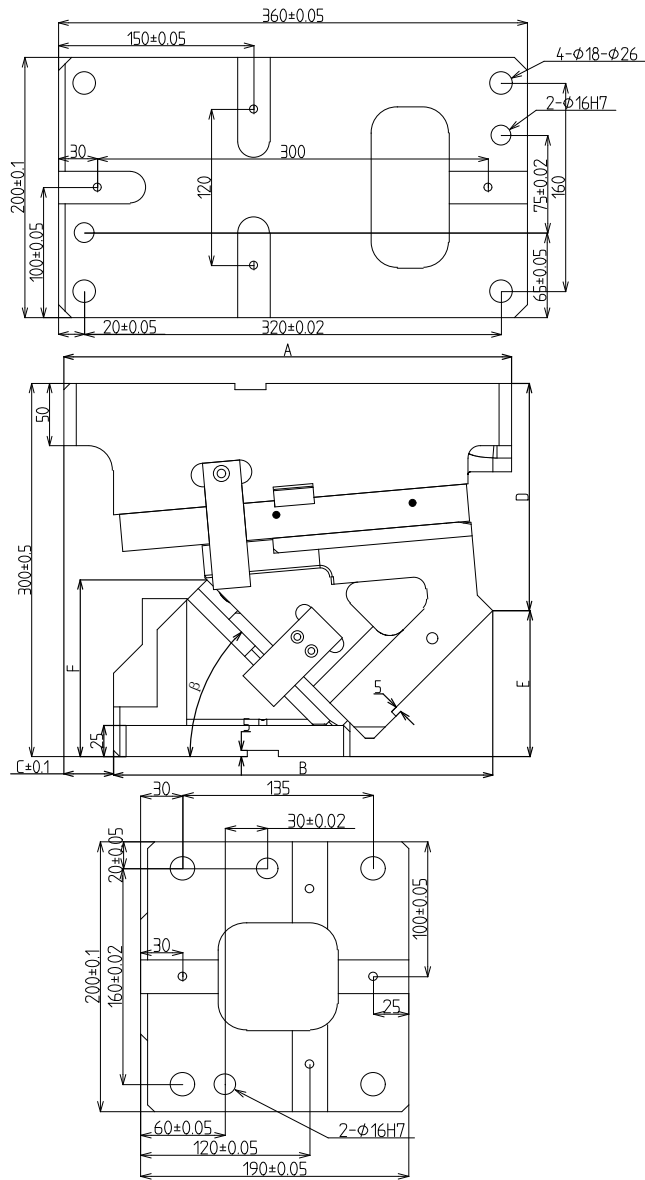


选择
Option

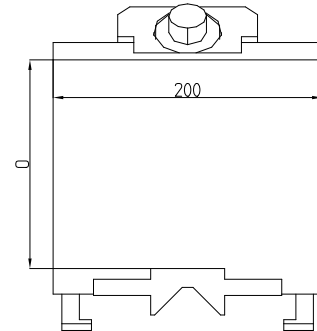
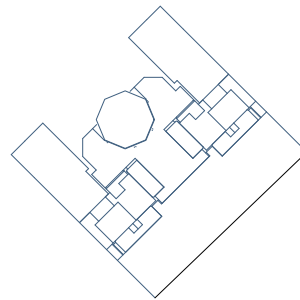
Code	Specification
K	键附加



NUCMSV 200



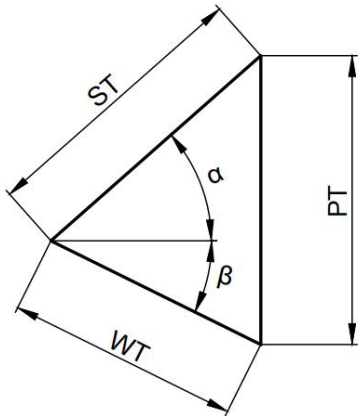
后方取出示意图 Rear Removal Space



β	A	B	C	D	E	F	L
0°	360	210	150	95	205	78.5	50
5°	356.25	222.25	134	100.91	199.09	88.8	68
10°	359.27	241.27	118	111.09	188.91	95.6	84
15°	355.78	244.78	111	122.47	177.53	101.9	102
20°	355.68	262.68	93	130	170	112.7	113
25°	354.88	274.88	80	138.62	161.38	122.8	122
30°	357.28	287.28	70	148.28	151.72	132.2	131
35°	345.8	281.8	64	158.89	141.11	140.7	150
40°	344.27	286.27	58	170.38	129.62	148.4	154
45°	344.86	304.86	40	182.66	117.34	155.2	154
50°	327.27	317.27	10	195.63	104.37	142	167
55°	324.39	324.39	0	210.2	89.8	132	167
60°	317.59	324.59	-7	215.63	84.37	134	167
65°	319.23	334.23	-15	231.4	68.6	133	167
70°	313.07	338.07	-25	245.67	54.33	134	167
75°	306.08	341.08	-35	260.24	39.76	133	167

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斜楔行程图
Diagram of Cam Travel



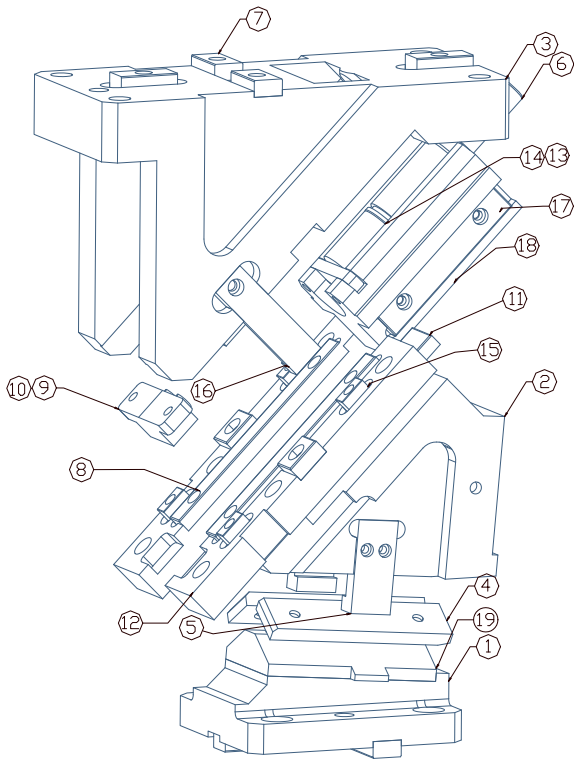
β	α	ST	PT	WT
0°	50°	50	38.3	32.1
5°	45°	50	38.4	35.5
10°	40°	50	38.9	38.9
15°	35°	50	39.7	42.4
20°	30°	50	40.8	46.1
25°	25°	50	42.3	50
30°	20°	50	44.2	54.3
35°	15°	50	46.8	59
40°	10°	50	50	64.3
45°	5°	50	54.2	70.4

β	α	ST	PT	WT
50°	0°	50	59.6	77.8
55°	0°	30	42.8	52.3
60°	0°	30	52	60
65°	0°	30	64.3	71
70°	0°	20	55	58.5
75°	0°	20	74.6	77.3

斜楔受力表
Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
200	0° ~50°	218	10.89	*GN (NYC品牌)
	55° ~65°	218	10.04	
	70° ~75°	218	9.72	

斜楔构成零件表
Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	1
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		2
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1

订购编号 Order number



订购
Order

Catalog.No	-	α	-	Type	-	Option
NUCMSV 200	-	50	-	GN	-	K

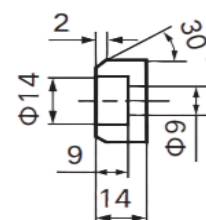
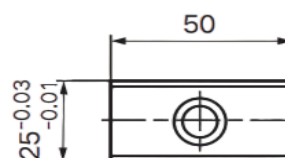
键

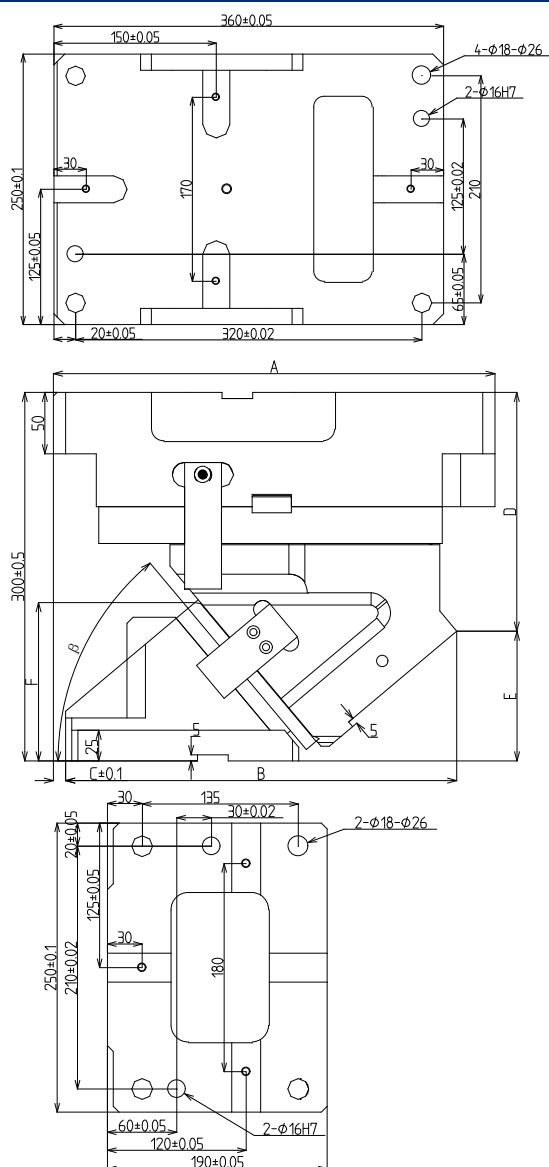
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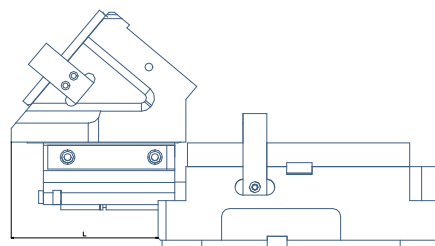
选择
Option

Code	Specification
K	键附加

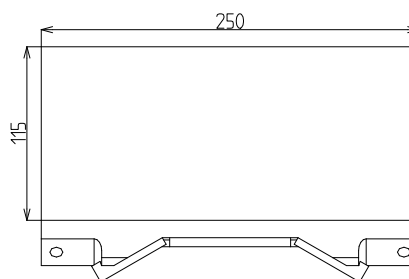
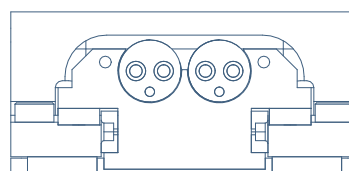




NUCMSV 250



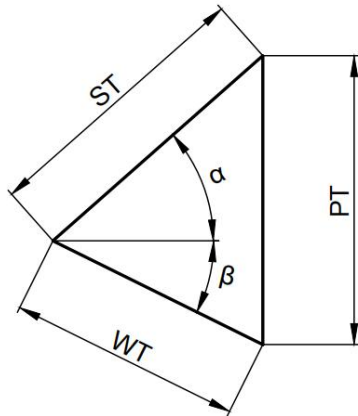
后方取出示意图 **Rear Removal Space**



β	A	B	C	D	E	F	L
0°	360	210	150	95	205	72.5	50
5°	356.43	222.43	134	98.92	201.08	84.8	68
10°	359.62	241.62	118	109.12	190.88	91.7	84
15°	356.3	245.3	111	120.53	179.47	96.8	102
20°	356.37	263.37	93	128.12	171.88	107.2	113
25°	355.73	275.73	80	136.81	163.19	117.1	123
30°	358.28	288.28	70	146.55	153.45	126.2	131
35°	346.94	282.94	64	157.25	142.75	134.6	150
40°	345.56	287.56	58	168.85	131.15	142.1	154
45°	346.27	306.27	40	181.24	118.76	148.8	154
50°	328.8	318.8	10	194.34	105.66	139.2	167
55°	326.84	326.84	0	208.48	91.52	126.1	171
60°	320.19	327.19	-7	214.13	85.87	132.2	171
65°	319.23	334.23	-15	231.4	68.6	135	171
70°	313.07	338.07	-25	245.67	54.33	135.9	171
75°	306.08	341.08	-35	260.24	39.76	135.9	171

斜楔行程图

Diagram of Cam Travel



β	α	ST	PT	WT
0°	50°	50	38.3	32.1
5°	45°	50	38.4	35.5
10°	40°	50	38.9	38.9
15°	35°	50	39.7	42.4
20°	30°	50	40.8	46.1
25°	25°	50	42.3	50
30°	20°	50	44.2	54.3
35°	15°	50	46.8	59
40°	10°	50	50	64.3
45°	5°	50	54.2	70.4

β	α	ST	PT	WT
50°	0°	50	59.6	77.8
55°	0°	30	42.8	52.3
60°	0°	30	52	60
65°	0°	30	64.3	71
70°	0°	20	55	58.5
75°	0°	20	74.6	77.3

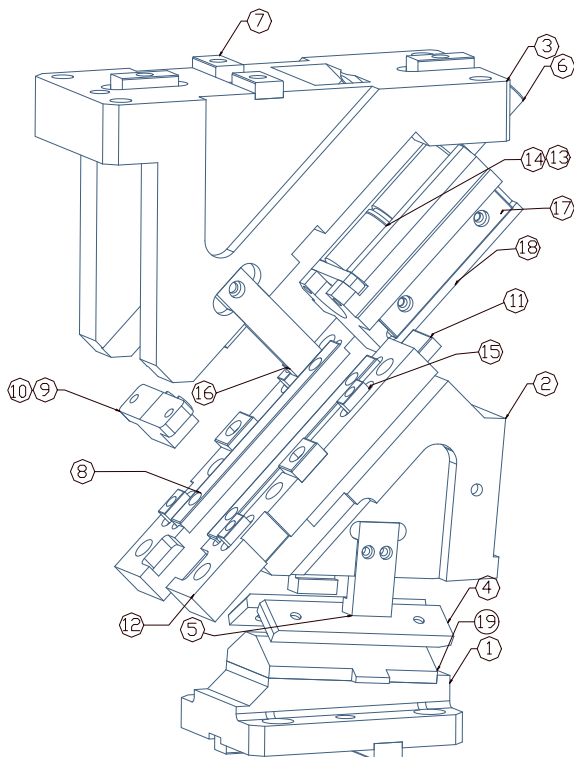
斜楔受力表

Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
250	0° ~50°	284	21.84	*GN (NYC品牌)
	55° ~65°	284	20.08	
	70° ~75°	284	19.43	

斜楔构成零件表

Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Positive Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	2
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		2
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	1
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1

订购编号 Order number



订购
Order

Catalog.No	-	α	-	Type	-	Option
NUCMSV 250	-	50	-	GN	-	K

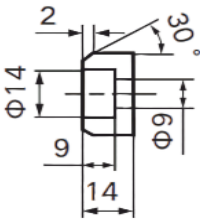
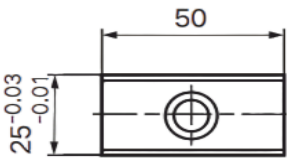
键

Key Specification

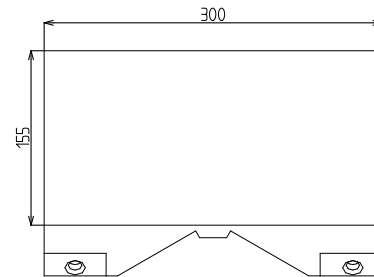
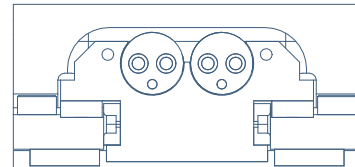
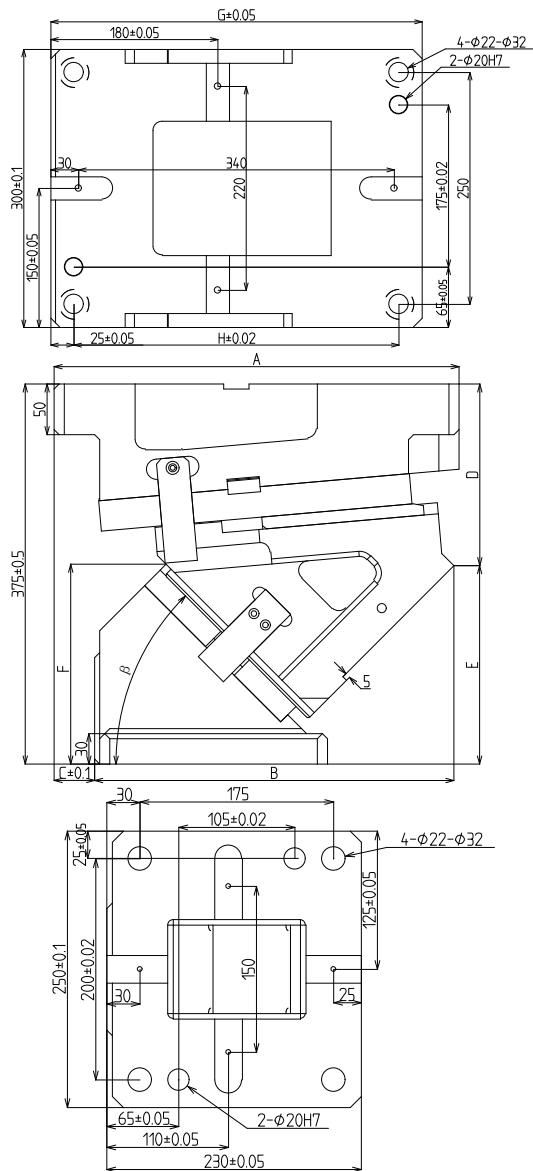


选择
Option

Code	Specification
K	键附加



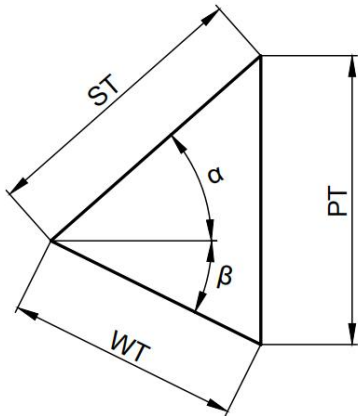
NUCMSV 300



β	A	B	C	D	E	F	G	H
0°	395	232	163	98	277	105	390	340
5°	387.15	232.15	155	104.19	270.81	116.9	390	340
10°	394.13	249.13	145	111.86	263.14	128.5	390	340
15°	395.82	260.82	135	121.01	253.99	139.6	390	340
20°	397.08	277.08	120	131.59	243.41	150.2	390	340
25°	404.71	294.71	110	138.65	236.35	165	400	350
30°	408.22	323.22	85	146.89	228.11	179.2	400	350
35°	404.52	334.52	70	159.17	215.83	189.6	400	350
40°	400.46	345.46	55	167.3	207.7	204.5	400	350
45°	394.84	354.84	40	179.24	195.76	215.6	400	350
50°	393.35	376.35	17	196.04	178.96	194.8	410	360
55°	393.35	393.35	0	222.75	152.25	188.8	410	360
60°	393.35	403.35	-10	249.61	125.39	182.3	410	360
65°	387.48	415.48	-28	266.49	108.51	185.4	410	360
70°	378.65	423.65	-45	281.99	93.01	189.2	410	360
75°	364.72	429.72	-65	296.88	78.12	193	410	360

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斜楔行程图
Diagram of Cam Travel



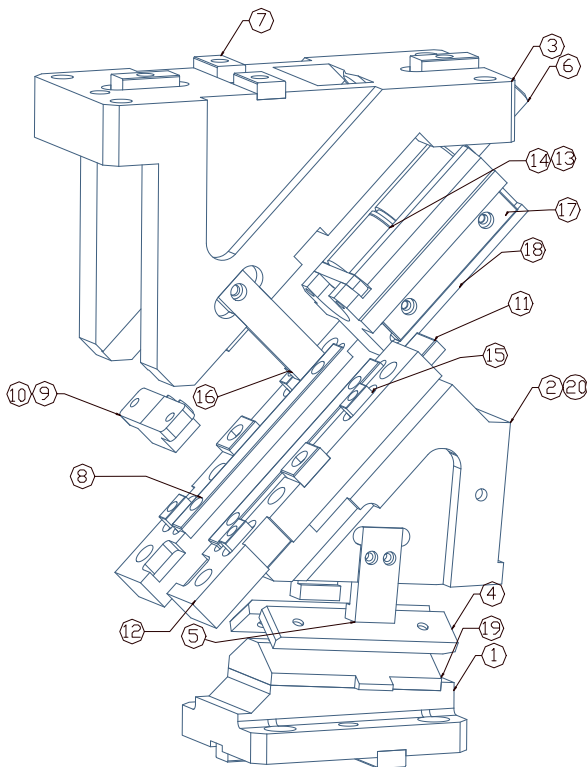
β	α	ST	PT	WT
0°	50°	60	46.0	38.6
5°	45°	60	46.1	42.6
10°	40°	60	46.7	46.7
15°	35°	60	47.6	50.9
20°	30°	60	48.9	55.3
25°	25°	60	50.7	60.0
30°	20°	60	53.1	65.1
35°	15°	60	56.1	70.8
40°	10°	60	60	77.1
45°	5°	60	65	84.5

β	α	ST	PT	WT
50°	0°	60	71.5	93.3
55°	0°	60	85.7	104.6
60°	0°	60	103.9	120
65°	0°	40	85.8	94.6
70°	0°	25	68.7	73.1
75°	0°	25	93.3	96.6

斜楔受力表
Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
300	0° ~50°	364	21.55	*GN (NYC品牌)
	55° ~65°	364	20.36	
	70° ~75°	364	19.2	

斜楔构成零件表
Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Position Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	2
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		4
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	2
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1
20	导板/Wear Plate	Bronze+Graphite	2

订购编号 Order number



订购
Order

Catalog.No	-	α	-	Type	-	Option
NUCMSV 300	-	50	-	GN	-	K

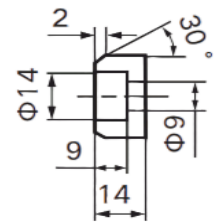
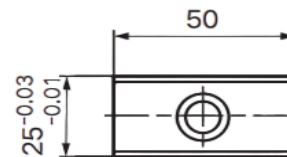
键

Key Specification

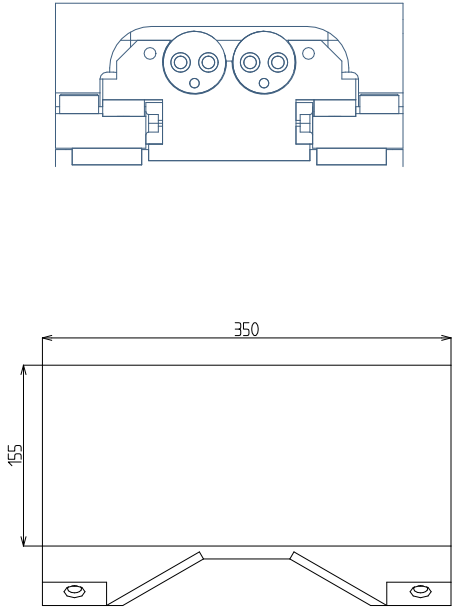
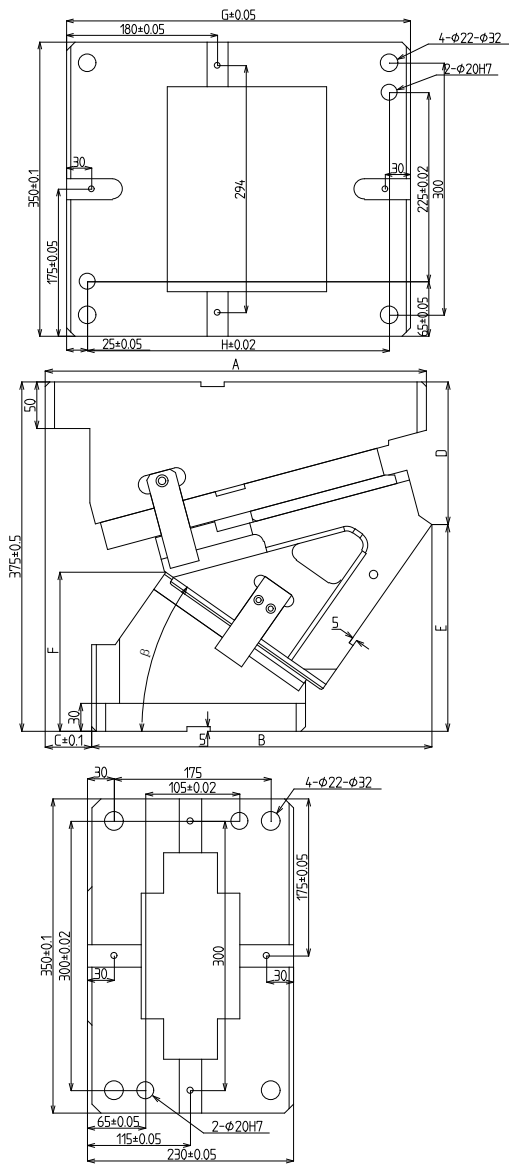


选择
Option

Code	Specification
K	键附加



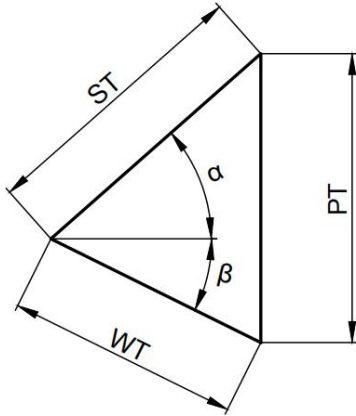
NUCMSV 350



β	A	B	C	D	E	F	G	H
0°	395	235	160	85	290	117.5	390	340
5°	409.62	254.62	155	95.02	279.98	126	390	340
10°	414.52	274.52	140	104.67	270.33	136.1	390	340
15°	408.6	293.6	115	113.76	261.24	147.7	390	340
20°	422.92	312.92	110	122.21	252.79	160.8	410	360
25°	421.53	331.53	90	129.96	245.04	175.3	410	360
30°	418.5	348.5	70	136.94	238.06	191.2	410	360
35°	415.89	365.89	50	153.12	221.88	198.2	410	360
40°	410.78	380.78	30	168.43	206.57	206.2	410	360
45°	405.25	395.25	10	182.84	192.16	215.1	410	360
50°	397.37	407.37	-10	201.32	173.68	219.8	410	360
55°	398.61	418.61	-20	214.69	160.31	200.6	410	360
60°	392.76	427.76	-35	235.67	139.33	200.3	410	360
65°	398.83	438.83	-40	255.31	119.69	200.9	410	360
70°	394.78	444.78	-50	274.53	100.47	201.2	410	360
75°	394.55	449.55	-55	295.21	79.79	199.4	410	360

斜楔行程图

Diagram of Cam Travel



β	α	ST	PT	WT
0°	50°	60	46.0	38.6
5°	45°	60	46.1	42.6
10°	40°	60	46.7	46.7
15°	35°	60	47.6	50.9
20°	30°	60	48.9	55.3
25°	25°	60	50.7	60.0
30°	20°	60	53.1	65.1
35°	15°	60	56.1	70.8
40°	10°	60	60	77.1
45°	5°	60	65	84.5

β	α	ST	PT	WT
50°	0°	60	71.5	93.3
55°	0°	60	85.7	104.6
60°	0°	60	103.9	120
65°	0°	40	85.8	94.6
70°	0°	25	68.7	73.1
75°	0°	25	93.3	96.6

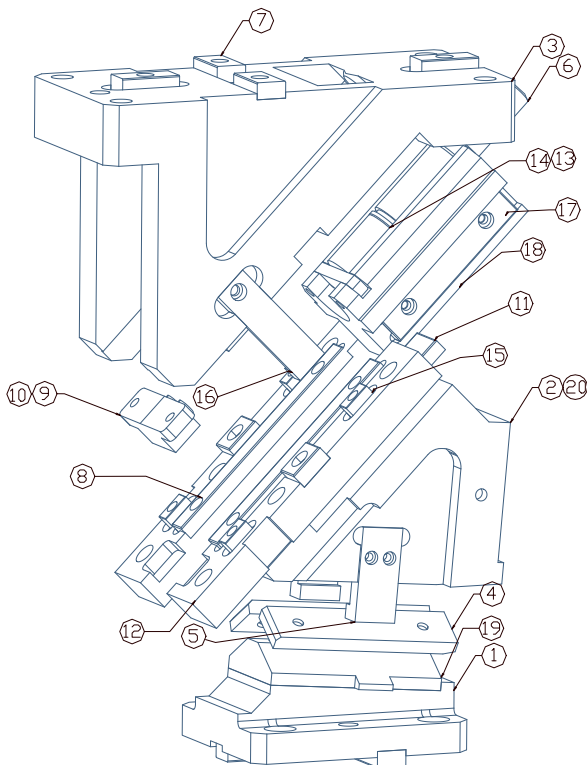
斜楔受力表

Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
350	0° ~50°	364	21.55	*GN (NYC品牌)
	55° ~65°	364	20.36	
	70° ~75°	364	19.2	

斜楔构成零件表

Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Position Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	2
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		4
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	2
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1
20	导板/Wear Plate	Bronze+Graphite	2

订购编号 Order number



订购
Order

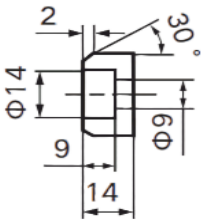
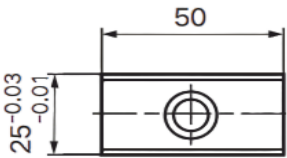
Catalog.No	-	α	-	Type	-	Option
NUCMSV 350	-	50	-	GN	-	K

键
Key Specification

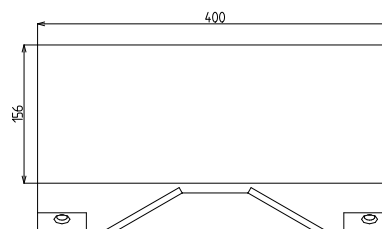
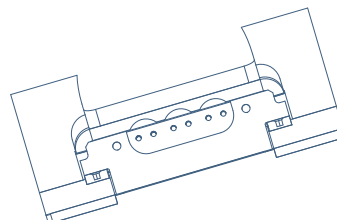
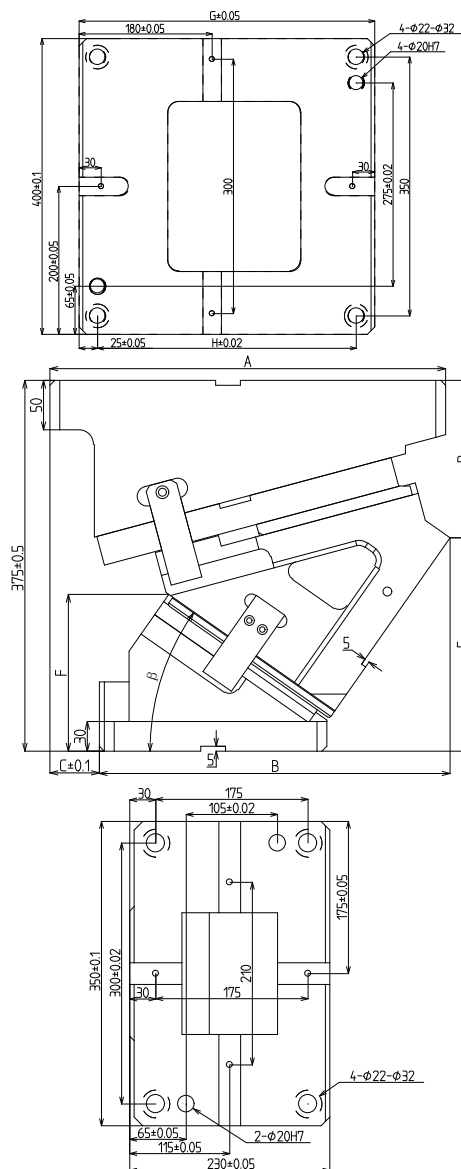


选择
Option

Code	Specification
K	键附加



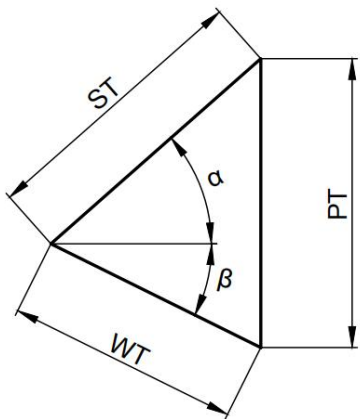
NUCMSV 400



β	A	B	C	D	E	F	G	H
0°	395	237	158	88	287	116	390	340
5°	387.15	232.15	155	94.19	280.81	126.4	390	340
10°	394.13	249.13	145	106.86	268.14	133	390	340
15°	395.82	260.82	135	118.01	256.99	142.1	390	340
20°	397.08	297.08	100	131.59	243.41	149.7	390	340
25°	404.71	319.71	85	138.65	236.35	164.5	400	350
30°	408.22	343.22	65	146.89	228.11	178.7	400	350
35°	404.52	354.52	50	159.17	215.83	189.2	400	350
40°	400.46	360.46	40	167.3	207.7	204.1	400	350
45°	394.84	374.84	20	179.24	195.76	215.2	400	350
50°	393.35	391.35	2	196.04	178.96	198.3	410	360
55°	392.76	405.76	-13	221.83	153.17	193.5	410	360
60°	393.35	423.35	-30	249.61	125.39	186.4	410	360
65°	387.48	435.48	-48	266.49	108.51	189.7	410	360
70°	378.65	443.65	-65	281.99	93.01	193.8	410	360
75°	364.72	449.72	-85	296.88	78.12	197.7	410	360

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斜楔行程图
Diagram of Cam Travel



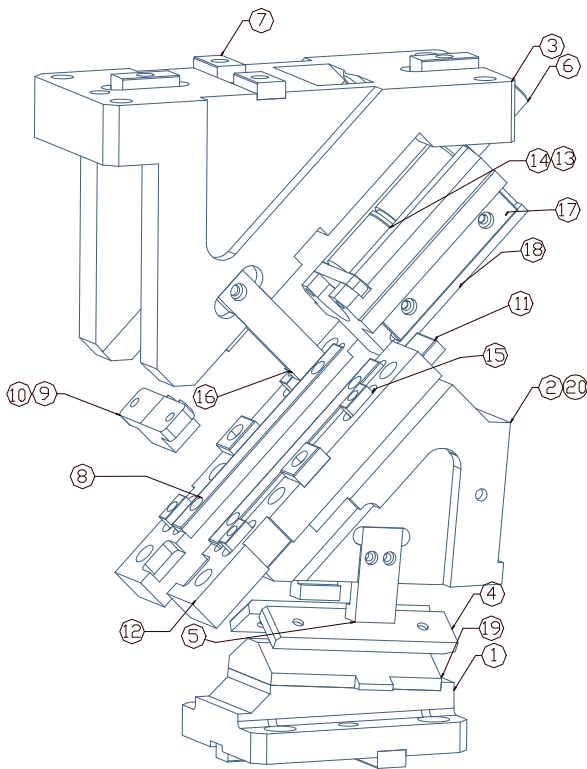
β	α	ST	PT	WT
0°	50°	60	46.0	38.6
5°	45°	60	46.1	42.6
10°	40°	60	46.7	46.7
15°	35°	60	47.6	50.9
20°	30°	60	48.9	55.3
25°	25°	60	50.7	60.0
30°	20°	60	53.1	65.1
35°	15°	60	56.1	70.8
40°	10°	60	60	77.1
45°	5°	60	65	84.5

β	α	ST	PT	WT
50°	0°	60	71.5	93.3
55°	0°	60	85.7	104.6
60°	0°	60	103.9	120
65°	0°	40	85.8	94.6
70°	0°	25	68.7	73.1
75°	0°	25	93.3	96.6

斜楔受力表
Table of Cam Force

W	Work Angle	Working Force(KN) 1.000.000 Strokes	Extraction Force(KN)	TYPE
400	0° ~50°	450	32.32	*GN (NYC品牌)
	55° ~65°	450	30.58	
	70° ~75°	450	28.8	

斜楔构成零件表
Table of Component Parts



件号 No.	名称 Description	材料 Material	数量 Qty
1	驱动/Cam Driver	CAST IRON	1
2	滑块/Cam Slier	CAST IRON	1
3	基座/Cam Base	CAST IRON	1
4	导板/ Plate	Bronze+Graphite	2
5	强制回程/Position Return	42CrMo	2
6	氮气弹簧/Gas Spring	-	3
7	键/Key	45#	8
8	导板/Wear Plate	Bronze +Graphite	1
9	限位块/Stop Block	45#	1
10	缓冲聚氨酯/Urthen		4
11	导板/Wear Plate	Bronze+Graphite	2
12	导板/Wear Plate	42CrMo	2
13	弹簧固定塞/Lock Plate	42CrMo	3
14	弹簧垫管/Lock out	42CrMo	1
15	键/Key	45#	6
16	安全板/Safety Plate	42CrMo	2
17	导板/Wear Plate	Bronze+Graphite	2
18	悬挂臂/Suspension Arm	42CrMo	1
19	V型导板/Cam Slide Guide	42CrMo	1
20	导板/Wear Plate	Bronze+Graphite	2



CAM Technology

嘉兴迈特尔宝欣机械工业有限公司
JIAXING NYC INDUSTRIAL CO., LTD.

浙江省嘉善县罗星街道人民大道2501号
No. 2501, People's Avenue, Luoxing District
Jiashan, Zhejiang, P.R.C, 314100
Tel : +86-573-8406 2599
Fax: +86-573-8406 2589
Email: sales@nyc-ind.com
www.nyc-ind.com



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