Part Number

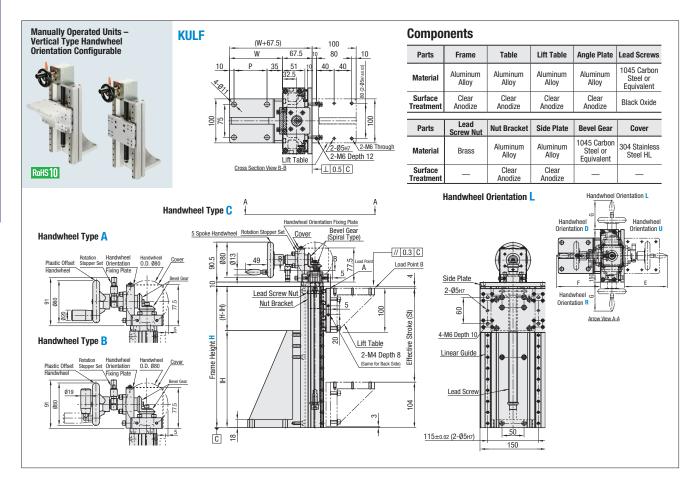
Part Number

Application

Vertical Application by Side Mounting

Manually Operated Units

Vertical Type Handwheel Orientation Configurable



Allowable Load / Allowable Moment

Pai Num			Handwheel	Elevator	Poor	Effective	Lead S	Screw	Allowable	Load (N)		lowab nent (l		H		Handwheel Type									M	ass (k	(g)		
Туре	No.	Handwheel Type	Tyne	Tyne	Orientation Configurable		Table Length	Stroke	troke	Lead	When Load Applied to		Ma	Mb	Mc	A		В			С		W	P	IH	На	Handwheel Type		
.,,,,			3					, ,		Dia.		Point A	Point B				E	F	G	E	F	G	E	F	ì		1	Α	В
		A Plastic Handle		170	170	62					270 43 43 81 107 109.5 67 122 124.5 82 122 124.5													170	7.3	7.3	7.6		
		B Plastic Offset		U Blank	220	112	112 212 262 20						120	75		8.1	8.1	8.4											
VIII E		Handwhool	D	(w/)	320	212		١,	004	070		43 43	81	107	109.5	07	100	124.5		100	1045		// /3	220	9.2	9.2	9.5		
KULF	20	 Folding Type 	L		370	262		4	294	270						67	122		82	2 122	124.5	2			9.7	9.7	10		
		C Five Spoked	R	N (w/o)	420	312																	150	105	050	11.5	11.5	11.8	
		Handwheel			470	362																		150	105	350	12.0	12.0	12.3

















320 with Elevator Table

Required Torque / Required Turning Force

Part N	lumber	Required Torque (N·m)	Required Turning Force (N)				
Туре	No.	Vertical	Vertical				
KULF	20	1.085	41.740				

*Required torque and turning force are when allowable load is applied on two tables.

Accuracy

oouluoy											
Туре	Parallelism (mm)	Backlash (mm)									
KULF	0.15	0.5									

*Parallelism is when surface B and surface A are running side by side. (See figure below) *Backlash is not a guaranteed value but reference value.



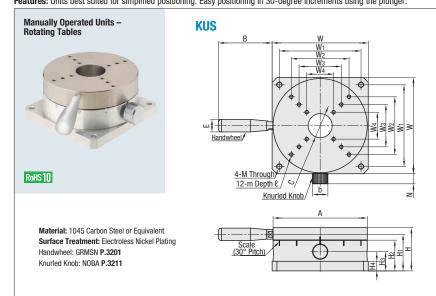




Manually Operated Units

Rotating Tables

Features: Units best suited for simplified positioning. Easy positioning in 30-degree increments using the plunger.



Part Number		Stage Surface (mm)									Base (mm)								Knurled Knob (mm)	
Туре	No.	Α	W	W ₁	W ₂	W ₃	W ₄	M	C	m	-1	Н	H ₁	H ₂	Нз	H ₄	В	E	N	b
KUS	50	Ø48	50	40	27	18	9	M5	_	M4	6	34	28	22	13	5	44	Ø10	11.5	Ø12
	100	Ø98	100	85	60	44	28	M6	Ø25	M4	8	45	38	32	20	10	56	Ø13	10.5	Ø16
	200	Ø198	200	175	124	94	64	M8	Ø70	M5	10	70	61	52.5	32	12	80	Ø20	14.5	Ø30

Part Number		Otana Diamatan	No. of	la desdess	Load	Indexable Loads	M	Weight			
Туре	No.	Stage Diameter (mm)	Indexed Positions			(reference values) N {kgf}	Eccentricity (mm)	Parallelism (mm)	Surface Run- Out (mm)	(kg)	
	50	Ø48			980 (100)	98 {10}				0.34	
KUS	100	Ø98	12	30°±1°	1470 (150)	196 {20}	0.1	0.2	0.1	1.64	
	200	Ø198			1960 (200)	392 {40}				8.70	

O Still usable when exceeding the indexable loads but plunger indexing will not work.

Rotatary Table Mounting Orientation

database are needed to the meaning express as shown on right											
No.	Inverted Application	Vertical Application by Side Mounting									
50	0	0									
100	\triangle	0									
200	\triangle	\triangle									

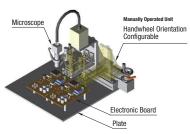
O : Limitations exist on loads and moments, but they can still be used.

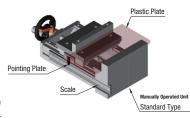
: Performance may be seriously affected depending on application. Must take precaution against mounted load from falling if failure occurs in this application.

Microscope Inspection Stage

Inspects a few types of electric components (at specific portion).

Manually Operated Unit is used for the axis of XY Inspection Stage to slide a microscope.





Crack Inspection and Simplified Measurement Device

Operates crack inspection and simplified measurement for plastic plates.

Manually Operated Unit is used to prevent claims due to slight cracks and scratches after delivery. Conducts inspection with constant pressure loaded, and measures dimensions with an attached scale.



Laser Marker Lifting Device

Application

Laser marker is lifted/lowered to adjust the marking position since the position of laser engraving differs depending on products. Angle Plate Integrated Manually Operated Unit is used to prevent tilt of a heavy laser marker when lifted/lowered

Lift Type, \ Handwheel Orientation Configurable



^{*}Turning force is the force that rotates the handwheel. (See the figure on the right)