

## Fräsen-Kit UniProKit UPKlib V2.04 BOM

Partname	PartNo.		Description	Supplier
<b>Basis-Set</b>				
Tslot32con	17092218	2	T-Slot Con, 320x20x20mm	
Tslot40	17092208	5	T-Slot Nut 6, 400x20x20mm	
Tslot24con	17092217	2	T-Slot Con, 240x20x20mm	
Tslot24	17092206	8	T-Slot Nut 6, 240x20x20mm	
Tslot8	17092203	2	T-Slot Nut 6, 80x20x20mm	
Flat16	17092239	2	Flach, 160x40x4mm	
Angle16	17092228	2	L-Profil, 160x20x20mm	
TCon	17092302	2	Flach, 60x60x4mm	
RAconnector	17092313	18	90° Versteifungswinkel	
EndCap1d	17092315	28	Endkappe	
M6nutplate	17092309	114	für TSlot, Slot6, M6	
M6x25cyl	17092307	6	25mm, M6 DIN 7984	
M6x16	17092305	24	16mm, M6 ISO 7380	
M6x12	17092304	68	12mm, M6 ISO 7380	
M6x8	17092303	58	8mm, M6 ISO 7380	
M6wash	17092310	20	6.4x12x1.6, DIN 125	
M6nut	17092308	12	5.6x10mm, M6 DIN934	
<b>Box-Set</b>				
3.5x16ws	18081701	4	WoodScrew	
<b>Set Lineardrive 1</b>				
M4nut	19070613	12	M4 Nut	
M3x10cyl	19070615	6	10mm, M3 ISO 4762	
<b>Set Lineardrive 2</b>				
Mountplate3b	19070623	2	Motorplatte links	
Endplate1b	19070624	1	Loslager-Platte	
608ZZ_Ball_Bearing	19082001	3	Kugellager, 8mm innen	
Carriageplate	19070624	2	Schlittenplatte	

SC8UU	19082002	12	LM8UU-Block
Shaft8x480	19082003	2	Welle, 4x480mm
Nutblock1h	19070623	3	Spindelmutterblock
Trapezoidal_thread_480	19082006	1	Trapezspindel, 8mm
SK8	19082008	4	Lagerbock, 8mm
M3nut	19081701	34	M3 Mutter
M3x16cyl	19082010	16	16mm, M3 ISO 4762
M3x20cyl	19082011	12	20mm, M3 ISO 4762
M4x30cyl	19082013	4	30mm, M4 ISO 4762
M4x35cyl	19082014	8	35mm, M4 ISO 4762
<b>Set Electronics1</b>			
Endstopswitch1b	19082020	3	Limit Switch
Pololu-A4988	19082019	3	Treiber f. Steppermotor
Nema17_40con	19082022	3	Steppermotor, NEMA17, 0.42 Nm
Ramps-usb2B	19082023	1	USB 2.0 Typ B Kabel
Motor-4of8pol	19082026	3	Kabel f. Steppermotor, 4-pol
Endstop-3pol	19082027	3	Kabel f. Endswitch, 3-pol
Ps12V8A	19082028	1	PowerSupply 12V
<b>Set Gears</b>			
Shaft8x320	21011003	2	Welle, 8x320mm
<b>Set Maker's Mill</b>			
SC8UU-adapter2g	21090301	4	SC8UU-UPK-Adapter f. MM1 u. MF1
Nutblockadapter	21090303	1	Adapter für Spindelmutterblock an UPK
Mountplate_small1b	21090307	1	Stepper-Montageplatte
Endplate_small1b	21090308	1	Endlager. lose
Endplate1b_sunken	21031301	1	Loslager-Platte versenkt
Spindelmount_adapter1c	21031005	1	Adapter für Spindel-Klemme
Endstopmount1b	21031006	3	Halter f. Limitswitches
M4x10cyl	21090302	48	10mm, M4 ISO 4762
M4x4lockscREW	21090310	12	M4x4 Madenschraube
M6x65cyl	21031002	4	65mm, M6 ISO 7380
Trapezoidal-thread_320	21090306	1	Trapezspindel, 8mm

Trapezoidal_thread_160	20092406	1	Trapezspindel, 160x8mm
Trapezoidal_nut_AntiB	21090304	3	Trapezspindelmutter, 8mm, Antibacklash
Trapezoidal_nut_AntiB-spring	21090305	3	Feder f. Antibacklash-Trapezmutter 8mm
Rigidcoupler-5-8	21090309	3	starre Wellenkupplung
Shaft8x210	20092405	2	Welle, 210mm (Sondergröße)
Adjustring8mm	21031001	16	Stellring
spindelmount52mm	21031003	1	Halter für 500W-Spindel, 52mm
spindel500w	21031004	1	500W, 100V, 12000 rpm, 0.5 Nm, 1.08 Kg
Ks0288cncshield	21031007	1	Arduino kompatible Steuerung
ps500wspindel	21031008	1	PowerSupply 500w-Spindel
revctrl500wspindel	21031009	1	wth118-1a 2w 4k7
Ctrlmount2f	21031010	1	Elektronik-Platte
cabel220v	21031011	1	220V AC-Kabel mit Stecker
cabel20awg	21031012	1	Kabel 0.75mm², awg20
terminalstrip1.5qmm	21031013	1	Lüsterklemme 1.5 mm², 16A

Supplier	Id	URL
Std.-Part	SP	Standard-Part, widely available from several sources
Makers-Lab	ML	<a href="http://makers-lab.de">http://makers-lab.de</a>