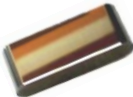


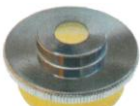
Makino - Power Feed Contact

A001	1EC80A715		Power feed contact upper & lower 9.5 x 9.5 x 4.0 mm	EC-3025, 3040, 7050 with III-type head
A002	Z248W0/100100		Power feed contact upper & lower 4.0 x 10 x 19 mm	EA-3040, EC-3025, 3040, 7050 with type IV head. EC-3141, EC-32, EC-64, ECQ-53, EE-3
A003			Power feed contact 9.0 x 6.0 x 24 mm	TW, FW
A004	Z248W0/200200		Power feed contact upper & lower 4.0 x 8.0 x 19 mm	EU-64, U-32K, U-53K
A005	Z248W0/200100		Power feed contact upper & lower 4.0 x 10 x 19 mm	U-32, U-32K, U-53, U-53K series
A006	Z248W0/200400		Power feed contact lower 8.0 x 16 x 23 mm (Center-hole=id4.3 x L/R-hole=id3.3 mm) 16-positions can be used.	Uj series (A007=upper) W32FB, W53FB series
A007	Z248W0/200300		Power feed contact upper 4.0 x 8.0 x 19 mm (R=3.0 mm) 6-positions can be used. A004-1	Uj series (A006=lower)

Makino - Dies & Guide Parts

A101	9EC670A404		Diamond wire guide	id=0.07 mm	Upper & lower V-guide system Uj series
	6EC80B406		Diamond wire guide	id=0.10 mm	
	6EC80B407		Diamond wire guide	id=0.15 mm	
	6EC80B403		Diamond wire guide	id=0.20 mm	
	6EC80B404		Diamond wire guide	id=0.25 mm	
	11EC80A401		Diamond wire guide	id=0.30 mm	
A102	6EC80B405		Diamond wire hold guide - Press guide upper & lower same id-size for all wire size		Uj series V-guide system
A103	23EC085A205		Diamond wire guide	id=0.07+0.01 mm	Upper round type OD7.0 x 30.5 mmT - M5 W32FB, W53FB series
	23EC085A207		Diamond wire guide	id=0.10+0.01 mm	
	23EC085A222		Diamond wire guide	id=0.15+0.01 mm	
	23EC085A209		Diamond wire guide	id=0.20+0.01 mm	
	23EC085A212		Diamond wire guide	id=0.25+0.01 mm	
A104	20EC090A216		Diamond wire guide	id=0.07+0.01 mm	Lower round type OD17 x 21(14.5+6.5) mmT - M5 W32FB, W53FB series
	20EC090A213		Diamond wire guide	id=0.10+0.01 mm	
	20EC090A201		Diamond wire guide	id=0.15+0.01 mm	
	20EC090A203		Diamond wire guide	id=0.20+0.01 mm	
	20EC090A207		Diamond wire guide	id=0.25+0.01 mm	

Makino - Water Nozzle Parts

A201	6EC80A418=1		Nozzle guard L=4.0 mm type-0 Upper or lower assembly with A204 (4EC80A708=1)	Uj series-taper machining
A202	6EC130A402		Nozzle holder big (2) Upper & lower L=12 mm	EE. EH. EC-32. EC-64. U. EU series
A203	4EC130A701=1		Dielectric fluid for A202 / Rubber insert big nozzle Upper id=8.0 mm type-8	Uj series-nozzle close machining
A204	4EC80A708=1		Nozzle type-0 / id=8.0 mm upper or lower with A201 for UxxJ series	Uj series-taper machining
			Nozzle type-0 only lower with 6EC80A418=2 for WxxFB series	W32FB. W53FB-taper machining
A205	15EC130C401=1		Laminar nozzle upper & lower id=7.0 mm	EE.EH.EC.U.EU series U53i series
	15EC80C401		Laminar nozzle upper & lower id=5.0 mm	
A206	6EC80A419		Plastic ring=Rock nut upper & lower for A201. A202. A205	OD50 x id40 x 4.0 mmT EE.EH.EC.U.EU series
A207	20EC130A401		Laminar nozzle with SUS SP43 bushing id=6.0 mm upper & lower	Uj series -nozzle away machining
			Laminar nozzle only lower id=6.0 mm	WxxFB -nozzle away machining only lower
A207-1				
A208	18EC130B401		Nozzle guard SUS for WxxFB series cf.) upper nozzle guard 23EC085A410=1	W32FB. W53FB. Uj series High speed machining
			Nozzle guard SUS with Insulation bushing 208-2 & upper = A209+A208-1 / lower = A210+A208-3	W32FB. W53FB. Uj series High speed machining
A208-1	18EC80A719		Nozzle spacer upper with guard A208 or A208-2 & nozzle A209	Uj series-high speed machining
A208-2	20EC80A702		Insulation bushing / assembly with nozzle guard A208 upper assembly with A209 + A208-1 lower assembly with A210 + A208-3	Uj series-high speed machining
A208-3	18EC130B705		Nozzle spacer lower with guard A208 or A208-2 & nozzle A210	Uj series-high speed machining
			Nozzle spacer lower with guard A208 & A208-2 & A208-3 & nozzle A210	W32FB. W53FB - high speed machining
A209	18EC80A717		Nozzle upper id=6.0 mm with guard A208 or A208-2 & nozzle spacer A208-1	Uj series-high speed machining

Makino - Water Nozzle Parts

A210	18EC130B706		Nozzle lower with air hole id=6.0 mm with guard A208 or A208-2 & nozzle spacer A208-3	Uj series-high speed machining
			Nozzle lower with air hole id=6.0 mm	WxxFB-high speed machining

Makino - Connected Parts

A401	6EC100A747		Urethane roller (I-roller) upper for D-shaft OD33.5 X 11.5 mm prevents the wire from loosening at the clutch roller	EC32, EC64, EU64, SP43 W32FB, W53FB Uj series
A402	1EC100B703		Felt pad for B-axis OD32 x id5.0 x 5.0 mm	W32FB, W53FB Uj series
A403	6EC100A761		Felt pad for H-axis OD16 x id6.0 x 2.0 mm	W32FB, W53FB Uj series
A404	6EC220B714=1		Felt pad front for both side wire guide unit upper 1 OD16 x id3.0 x 2.0 mm	W32FB, W53FB Uj series
A405	6EC220B716=1		Felt pad rear for wire guide unit upper 2 OD17 x id4.0 x 2.0 mm	W32FB, W53FB Uj series

Makino - Reference Parts

	6EC80A417		Replaced by 6EC80A418 (A201)	
	6EC80A418=2		Nozzle guard type-0 only lower assembly with A204 (4EC80A708=1) for WxxFB series	W32FB. W53FB-tper machining
	6EC80B406		Guide id=0.10 mm	
	6EC100A406		Roller (D) / urethane roller OD105 x id12 x 21 mmT	EE3. EH3. EE6. EH6. EE6L. EQ5. EQH5. EE8.
	6EC100B404		Urethane roller (D) Clutch roller for generates wire tension OD=100 mm	W32FB. W53FB Uj series
	6EC130A401		Replaced by 6EC130A402 (A202)	
	6EC220A706=1		Cutter set of 2 PCs	Uj series V-guide system
	9EC070A404		Guide id=0.07 mm	
	15EC450A		Clamping	Uj series
	18EC80A702		V-guide upper head (10) attached above the energizing plate	Uj series V-guide system
	15EC80B701		V-guide upper head (01) attached under the energizing plate	
	18EC100A701		Pinch roller L-axis / M-axis	W32FB. W53FB Uj series
	18EC130A401=1		Nozzle guard type-8 upper with A203 (4EC130A701=1) lower with A203-1 (18EC130A701)	Uj series-nozzle close machining
	18EC130A401=2		Nozzle guard type-8 lower assembly with 18EC130A701	W32FB. W53FB - nozzle close machining type

Makino - Reference Parts

	18EC130A701		Nozzle lower with air hole / id=8.0 mm type-8 assembly with nozzle guard 18EC130A401=1	Uj series-nozzle close machining
			Nozzle lower with air hole / id=8.0 mm type-8 assembly with nozzle guard 18EC130A401=2	WxxFB-nozzle close machining
	18EC390A405-Z1		Split round guide id=0.20 mm	Upper & lower set Uj series-angle cut
	18EC390A407-Z1		Split round guide id=0.25 mm	
	19EC450A		Clamping	U53Tj only
	20EC080A702		Insulating plug lower	W32FB, W53FB high speed machining
	23EC085A217		Jet nozzle for AWT id=0.50 mm	W32FB, W53FB
	23EC085A218		Jet nozzle for AWT id=0.70 mm	
	23EC085A219		Jet nozzle for AWT id=1.0 mm	
	23EC085A220		Jet nozzle for AWT id=1.5 mm	
	23EC085A410=1		Nozzle guard upper for high speed machining cf.) lower nozzle guard =18EC130B401	W32FB, W53FB high speed machining type
	23EC085A411=2		Nozzle guard type-5 upper assembly with 23EC085A707=2	W32FB, W53FB nozzle close machining
	23EC085A707=2		Nozzle type-5 upper assembly with nozzle guard 23EC085A411=2	W32FB, W53FB - nozzle close machining
	23EC085A708=1		High speed nozzle upper	W32FB, W53FB - high speed machining
	23EC085A709=1		Nozzle spacer1 upper	W32FB, W53FB - high speed machining
	23EC085A712=1		Insulating plug upper	W32FB, W53FB - high speed machining
	23EC085A713=2		Laminar nozzle upper id=6.0 mm	W32FB, W53FB - nozzle away machining
	23EC085A716		V-guide upper head-above the energizing plate OD=4.5 mm	W32FB, W53FB R-guide system
	23EC085A717		V-guide upper head-under the energizing plate OD=5.0 mm	

Makino - Reference Parts

	23EC085A718		Cutter set of 2 PCs	W32FB, W53FB R-guide system
	23EC085A722=1		Nozzle guard type-0 upper	W32FB, W53FB-tper machining
	20EC090A702		V-guide lower head (70) attached above the energizing plate	W32FB, W53FB (R-guide system) Uj series (V-guide system)
	23EC090A705		V-guide pulley for lower head attached under the energizing plate lower	W32FB, W53FB (R-guide system) Uj series (V-guide system)
	Z429G0130200		Deionizing resin EDION 5L / 25L bag or 50L Barrel.	
	Z429G0160100		Deionizing resin-cartridge type EDION resin system 30L.	
	Z474N1010100		Jet filter-porous filter	W32FB, W53FB Uj series
	Z476A1010500		Dielectric fluid filter-inside-out type capacity 6micrometer	W32FB, W53FB Uj series
	Z491J0007000		Needle "10" stamped water jet diameter 2.0 mm	W32FB, W53FB Uj series