


















MAKINO – spare parts


**We also supply other spare parts
that are not described in this section.**










If you cannot find the required spare parts please contact us.

Power feed contact




Order No.	Item No.	Photo	Description	Application
A001	1EC80A715		Power feed contact upper & lower 9.2 x 9.2 x 3.2 mm	EC-3025.3040.7050 With III-type head
A001G	1EC80A715		Power feed contact - long life type A001	EC-3025.3040.7050
A002	Z248W0/100100		Power feed contact upper & lower 4 x 10 x 19 mm Tungsten carbide	EA-3040 EC-3025.3040. 7050 with type IV head EC3141.EC-32.EC64. ECQ-53.EE series
A002T	Z248W0/100100-T		Power feed contact upper & lower 4 x 10 x 19 mm Pure tungsten	EA-3040 EC-3025.3040. 7050 with type IV head EC3141.EC-32.EC64. ECQ-53.EE series
A003			Power feed contact 9 x 6 x 24 mm	TW.FW.
A004	Z248W0/200200		Power feed contact upper & lower 4 x 8 x 19 mm Tungsten carbide	EU64.U32K.U53K.U53i.SP
A004-1 (A007 A004-R3)	Z248W0/200300		Power feed contact upper & lower 4 x 8 x 19 mm (R=3mm) 6 position can be used Tungsten carbide	Uj series W32FB.W53FB series EU64.U32K.U53K.U53i.SP
A004T	Z248W0/200300-T		Power feed contact upper & lower 4 x 8 x 19 mm Pure tungsten	U,SP series
A005	Z248W0/200100		Power feed contact upper & lower 4 x 10 x 19 mm	U series
A006	Z248W0/200400		Power feed contact upper 8.2 x 16 x 22 mm (Center-hole=4.3 mm L/R-hole=3.3 mm) 16 position can be used	Uj series W32FB.W53FB series SP-43,64, U31L, U53L


Wire guides					
A101	9EC670A404		Diamond wire guide upper and lower	id=0.07mm	Upper & lower V- guide systém Uj series EC32,EC64,EU64,SP43
	6EC80B406			id=0.10mm	
	6EC80B407			id=0.15mm	
	6EC80B403			id=0.20mm	
	6EC80B404			id=0.25mm	
	11EC80A401			id=0.30mm	
A102	6EC80B405		Diamond wire hold guide - Press guide upper & lower same id-size for all wire size		Uj series V guide system EC32,EC64,EU64,SP43
A103	23EC085A205		Diamond wire guide upper	id=0.07+0.01mm	Upper round type OD7.0 x 30.5 mmT –M5 W32FB.W53FB series DUO43,64
	23EC085A207(10C5)			id=0.10+0.01mm	
	23EC085A222(15C5)			id=0.15+0.01mm	
	23EC085A209(20C5)			id=0.20+0.01mm	
	23EC085A212(25C5)			id=0.25+0.01mm	
A104	20EC090A216		Diamond wire guide	id=0.07+0.01mm	Lower round type OD17 x 21(14.5+6.5) mmT –M5 DUO43,64 W32FB. W53FB series
	20EC090A213			id=0.10+0.01mm	
	20EC090A201			id=0.15+0.01mm	
	20EC090A203			id=0.20+0.01mm	
	20EC090A207			id=0.25+0.01mm	
A105	23EC085A217		Jet nozzle	0,5	U,W,DUO,UPV
	23EC085A218			0,7	
	23EC085A219			1,0	
	23EC085A220			1,5	
A106	20EC085A716		V-Guide upper 4,5		U,W,DUO,UPV
A107	20EC085A717		V-Guide upper 5,0		U,W,DUO,UPV

Water nozzles					
A201	6EC80A418		Nozzle guard (1) upper & lower (=6EC80A417) L=4 mm Type-0 Upper & lower assembly		Uj series- taper machining EE.EH.EC.U.EU series
A202	6EC130A402		Nozzle holder big (2) upper & lower L=12 mm type-8		EE.EH.EC.U.EU series
A203	4EC130A701=1		Dielectric fluid for A202 / rubber insert big nozzle upper id=8.0 mm type-8		EE.EH.EC.U.EU series Uj series - nozzle close machining
A204	4EC80A708=1		Nozzle type-0 / id=8.0 mm Upper & lower with A201 for UxxJ series		EE.EH.EC.U.EU series Uj series taper machining
			Nozzle type-0 only lower with 6EC80A418 for WxxFB series		W32FB.W53FB taper machining
A205	15EC130C401=1		Laminar nozzle upper & lower id=7 mm		EE.EH.EC.U.EU series
	15EC80C401		Laminar nozzle upper & lower id=5 mm		

A206	6EC80A419		Plastic ring = rock nut OD50 x id40 x 4.0 mmT Upper and lower for A201.A202.A205	EE.EH.EC.U.EU series
A207	20EC130A401		Laminar nozzle with SUS SP43 bushing id=6.0mm upper & lower	Uj series- nozzle away machning
A207-1			Laminar nozzle only lower id=6.0mm	WxxFB- nozzle away machning only lower
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	
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 assebmly 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=6.0mm with guard A208 or A208-2 & nozzle spacerA208-1	Uj series – high speed machining
A210	18EC130B706		Nozzle lower with air hole id=6.0mm With guard A208 or A208-2 & nozzle spacer A208-3	Uj series – high speed machining
			Nozzle lower with air hole id=6.0mm	WxxFB- high speed machining

Other parts

A401	6EC100A747		Urethane roller (I-roller) upper for D shaft OD=33.5 X 11.5 mmT Prevents the wire from loosening at the clutch roller	Uj series. EC32.64.EU64.SP43 W32FB.W53FB
A402	1EC100B703		Felt pad for B-axis OD32 x id9.0 x 5.0 mmT	U series. EC32.64.EU64.SP43 W32FB.W53FB Uj series
A403	6EC100A761		Felt pad for H-axis OD16 x id6 x 2 mmT	U series. EC32.64.EU64.SP43 W32FB.W53FB Uj series

A404	6EC220B714=1		Felt pad front for both side wire guide unit upper 1 OD16.0 x id3.0 x 2.0 mmT	U series.EU64.SP43 W32FB.W53FB
A405	6EC220B716=1		Felt pad rear for wire guide unit upper 2 OD17 x id4.0 x 2.0 mmT	U series.EU64.SP43 W32FB.W53FB
A406	6EC100B404		Roller D V- groove Urethane roller (D) Clutch roller for generates wire tension	U(k), U(j) W, DUO
A407	15EC100F411		Roller D U-groove	U(i), SP
	6EC80A417		Replaced by 6EC80A418 (A201)	
	6EC80A418=2		Nozzle guard type-0 only lower assembly with A204 (4EC80A708=1) for WxxFB series	W32FB. W53FB-taper 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.
	6EC130A401		Replaced by 6EC130A402 (A202)	
	6EC220A7006=1		Cutter set of 2 PCs	Uj series V-guide system
	9EC070A404		Guide id=0.07mm	
	15EC450A		Clamping	Uj series
	18EC80A702		V guide upper head (10) attached above the energizing plate	Uj series V-guide system
	15EC808B701		V guide upper head (01) attached above 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 A203 18EC130A701	W32FB.W53F – nozzle close machining type

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 closing machining
18EC390A405-Z1		Split round guide id=0.20 mm	Upper nad 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
23EC085A410=1		Nozzle guard upper for high speed machining cf.) lower nozzle guard =18EC130B401	W32FB.W53FB -high speed machining
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 spacer upper	W32FB.W53FB -high speed machining
23EC085A712=1		Insulating plate upper	W32FB.W53FB -high speed machining
23EC085A713=2		Laminar nozzle upper id=6.0mm	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	
23EC085A718		Cutter set of 2 pcs	W32FB. W53FB R-guide system
23EC085A722=1		Nozzle guard type-0 upper	W32FB, W53FB taper 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)
Z491J0007000		Needle "10" stamped water jet diameter 2.0 mm	W32FB. W53FB Uj series