

# For MAKINO

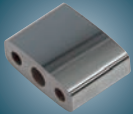
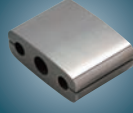
## Wire Guide

|                                                                                   | Model No.   | Size (mm) | Product Name | Position      | Machine Model   | Spec. | Original P/No.    |
|-----------------------------------------------------------------------------------|-------------|-----------|--------------|---------------|-----------------|-------|-------------------|
|  | <b>A103</b> | 0.112     | Wire Guide   | Upper         | W,DUO,UPV       |       | 23EC085A207(10C5) |
|                                                                                   |             | 0.162     |              |               |                 |       | 23EC085A222(15C5) |
|                                                                                   |             | 0.212     |              |               |                 |       | 23EC085A209(20C5) |
|                                                                                   |             | 0.262     |              |               |                 |       | 23EC085A212(25C5) |
|  | <b>A104</b> | 0.112     | Wire Guide   | Lower         | W,DUO,UPV       |       | 20EC090A213(10C5) |
|                                                                                   |             | 0.162     |              |               |                 |       | 20EC090A201(15C5) |
|                                                                                   |             | 0.212     |              |               |                 |       | 20EC090A203(20C5) |
|                                                                                   |             | 0.262     |              |               |                 |       | 20EC090A207(25C5) |
|  | <b>A105</b> | 0.5       | Jet Nozzle   | Upper         | W,DUO,UPV,U3/U6 |       | 23EC085A217       |
|                                                                                   |             | 0.7       |              |               |                 |       | 23EC085A218       |
|                                                                                   |             | 1.0       |              |               |                 |       | 23EC085A219       |
|                                                                                   |             | 1.5       |              |               |                 |       | 23EC085A220       |
|  | <b>A106</b> | φ 4.5     | V Guide      | Upper (Upper) | W,DUO,UPV       |       | 23EC085A716       |
|  | <b>A107</b> | φ 5.0     | V Guide      | Upper (Lower) | W,DUO,UPV       |       | 23EC085A717       |

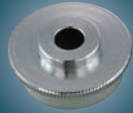
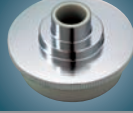
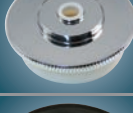
## Power Feed Contact

|                                                                                     | Model No.    | Size (mm)                | Product Name       | Position      | Machine Model                    | Spec.                             | Original P/No.                                           |
|-------------------------------------------------------------------------------------|--------------|--------------------------|--------------------|---------------|----------------------------------|-----------------------------------|----------------------------------------------------------|
|  | <b>A001</b>  | φ4.5<br>9.2x9.2<br>T=3.2 | Power Feed Contact | Upper & Lower | EC-3025,3040,7050                |                                   | 1EC80A715                                                |
|  | <b>A002</b>  | 19x10<br>T=4             | Power Feed Contact | Upper & Lower | EC-3025,3040,7050,EE             |                                   | Z248W0/100100                                            |
|  | <b>A002T</b> | 19x10<br>T=4             | Power Feed Contact | Upper & Lower | EC-3025,3040,7050,EE             | (Pure Tungsten)                   | <b>Sunrox Original</b>                                   |
|  | <b>A004</b>  | 19x8.2<br>T=4            | Power Feed Contact | Upper & Lower | EU64,U32K,U53K,U53i,SP,DUO,U3/U6 |                                   | Z248W0201400<br>Z248W0200300<br>(Z248W0200200)           |
|  | <b>A004T</b> | 19x8.2<br>T=4            | Power Feed Contact | Upper         | U,SP,DUO,U3/U6                   | (Pure Tungsten)<br>(TiCN Coating) | Z248W0201400<br>Z248W0200300<br><b>(Sunrox Original)</b> |
|  | <b>A005</b>  | 19x10<br>T=4             | Power Feed Contact | Upper & Lower | U                                |                                   | Z248W0200100                                             |

## Power Feed Contact

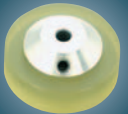
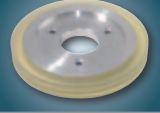
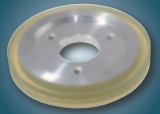
|                                                                                   | Model No.    | Size (mm)              | Product Name       | Position | Machine Model    | Spec.           | Original P/No.                                    |
|-----------------------------------------------------------------------------------|--------------|------------------------|--------------------|----------|------------------|-----------------|---------------------------------------------------|
|  | <b>A006</b>  | 22x16<br>T=8           | Power Feed Contact | Lower    | U,SP,W,DUO,U3/U6 |                 | Z248W0201500<br>Z248W0200400                      |
|  | <b>A006T</b> | 22x16<br>T=8           | Power Feed Contact | Lower    | U,SP,W,DUO,U3/U6 | (Pure Tungsten) | Z248W0201500<br>Z248W0200400<br>(Sunrox Original) |
|  | <b>A007</b>  | φ4<br>9.3x9.3<br>T=3.2 | Power Feed Contact |          | UPH-2            |                 | 17EC80A703                                        |

## Water Nozzle

|                                                                                     | Model No.   | Size (mm)           | Product Name   | Position      | Machine Model                | Spec.              | Original P/No. |
|-------------------------------------------------------------------------------------|-------------|---------------------|----------------|---------------|------------------------------|--------------------|----------------|
|    | <b>A201</b> | φ50/φ12<br>T=20     | Nozzle Guard   | Upper         | EE,EH,EC,U,EU,SP,U3/U6       | Type 0             | 6EC80A418=1    |
|                                                                                     |             |                     |                | Lower         | EE,EH,EC,U,EU,SP,W,DUO,U3/U6 |                    |                |
|   | <b>A202</b> | φ50/φ12<br>T=28.2   | Nozzle Guard   | Upper & Lower | EE,EH,EC,U,EU                | Type 8             | 6EC130A402     |
|  | <b>A203</b> | φ8<br>φ22<br>T=10.6 | Nozzle         | Upper         | EE,EH,EC,U,EU,SP             | Type 8<br>For A202 | 4EC130A701=1   |
|                                                                                     |             |                     |                | Lower         | EE,EH,EC,U,EU                |                    |                |
|  | <b>A204</b> | φ8<br>φ22<br>T=2.7  | Nozzle         | Upper         | EE,EH,EC,U,EU,SP,U3/U6       | Type 0<br>For A201 | 4EC80A708=1    |
|                                                                                     |             |                     |                | Lower         | EE,EH,EC,U,EU,SP,W,DUO,U3/U6 |                    |                |
|  | <b>A205</b> | φ5<br>φ50<br>T=21.5 | Laminar Nozzle | Upper & Lower | EE,EH,EC,U,EU                |                    | 15EC80C401     |
|                                                                                     |             | φ7                  |                |               |                              |                    | 15EC130C401=1  |
|  | <b>A206</b> | φ50<br>T=5          | Lock Nut       | Upper & Lower | EE,EH,EC,U,EU                | For A201/A202/A205 | 6EC80A419      |
|  | <b>A207</b> | φ6<br>φ50<br>T=20.5 | Laminar Nozzle | Lower         | SP,W,DUO                     |                    | 20EC130A401=1  |

# For MAKINO

## Connected Parts

|                                                                                     | Model No.   | Size (mm)                   | Product Name    | Position | Machine Model                   | Spec.                                                           | Original P/No. |
|-------------------------------------------------------------------------------------|-------------|-----------------------------|-----------------|----------|---------------------------------|-----------------------------------------------------------------|----------------|
|    | <b>A401</b> | φ33<br>T=16<br>T=11(Roller) | Urethane Roller | Upper    | U,EC32,EC64,EU64,SP,W,DUO       | For Shaft I                                                     | 6EC100A747     |
|    | <b>A402</b> | φ32/φ9<br>T=5               | Felt Pad        | Upper    | U,EC32,EC64,EU64,SP,W,DUO,U3/U6 | For B Axis                                                      | 1EC100B703     |
|    | <b>A403</b> | φ15/φ6<br>T=5               | Felt Pad        | Upper    | U,EC32,EC64,EU64,SP,W,DUO,U3/U6 | For H Axis                                                      | 6EC100A761     |
|    | <b>A404</b> | φ16/φ3<br>T=2               | Felt Pad        | Upper    | U,EU64,SP,W,DUO,U3/U6           | Wire Guide Unit Upper 1<br>(Both Side Cut)<br>(Heat Resistance) | 6EC220B714=1   |
|    | <b>A405</b> | φ17/φ4<br>T=2               | Felt Pad        | Upper    | U,EU64,SP,W,DUO,U3/U6           | Wire Guide Unit Upper 2<br>(Heat Resistance)                    | 6EC220B716=1   |
|   | <b>A406</b> | φ106/φ30<br>T=14            | Roller D        | Upper    | U(k),U(j),W,DUO,U3/U6           | (V Groove)                                                      | 6EC100B404     |
|  | <b>A407</b> | φ103.5/φ30<br>T=14          | Roller D        | Upper    | U(i),SP                         | (U Groove)                                                      | 15EC100F411    |

MEMO