





























| List of power feed contact | | | | |
|----------------------------|----------------|---|---|------------------------------------|
| Ref. No | Model | Picture | Description | Application |
| F001 | A97L-0001-0664 |  | Power feed contact lower OD25 x ID9 x 10 mmT | E.H.K.L.M series |
| F002 | A97L-0126-0001 |  | Power feed contact upper & lower OD16 x ID6 x 6.3 mmT | O.P.Q.R.T.W series |
| F003 | A290-8008-X107 |  | Power feed contact upper & lower OD8 x ID4 x 10 mmT | K.N.M series |
| F004 | A290-8032-Z882 |  | Power feed contact grooved upper & lower OD16 x ID6 x 6.3 mmT | W1...4 series AWF |
| F005 | A290-8101-X750 |  | Power feeder contact upper & lower 2.8 mmT x 7.7 mmW x 23 mmL | Alpha-A.B series Manual/AWF |
| F006 | A290-8110-X750 |  | Power feed contact upper & lower 4 x 12 x 30 mm - long length / special type | Alpha-C.iA.iB series Manual/AWF |
| F006-1(23) | A290-8110-X750 |  | Power feed contact upper & lower 4 x 12 x 23 mm | AlphaC.iA.iBseries Manual/AWF |
| F006-2 | A290-8008-X107 |  | Power feed contact upper & lower 3 x 12 x 30 mm | Alpha-0B.0C series Manual/AWF |
| F007 | A290-8048-X759 |  | Power feed contact upper OD15 x ID6 x 6 mmT | W0 type |
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List of wire guide dies

| Ref. No | Model | Picture | Description | Application |
|---------|----------------|---|--|--|
| F101 | A290-8021-X762 |  | Guide diamond upper D=0.055 mm | O.P.Q.R.T.W series |
| | A290-8021-X763 | | Guide diamond upper D=0.105 mm | |
| | A290-8021-X764 | | Guide diamond upper D=0.155 mm | |
| | A290-8021-X765 | | Guide diamond upper D=0.205 mm | |
| | A290-8021-X766 | | Guide diamond upper D=0.255 mm | |
| | A290-8021-X767 | | Guide diamond upper D=0.305 mm | |
| F102 | A290-8021-X772 |  | Guide diamond lower D=0.055 mm | O.P.Q.R.T.W series |
| | A290-8021-X773 | | Guide diamond lower D=0.105 mm | |
| | A290-8021-X774 | | Guide diamond lower D=0.155 mm | |
| | A290-8021-X775 | | Guide diamond lower D=0.205 mm | |
| | A290-8021-X776 | | Guide diamond lower D=0.255 mm | |
| | A290-8021-X777 | | Guide diamond lower D=0.305 mm | |
| F102T | A290-8021-Y775 |  | Guide diamond lower D=0.205 mm | O.P.Q.R.T series Manual for taper |
| | A290-8021-Y776 | | Guide diamond lower D=0.255 mm | |
| | A290-8021-Y777 | | Guide diamond lower D=0.305 mm | |
| F103 | A290-8032-X772 |  | Guide diamond upper D=0.105 mm | T.W series AWF |
| | A290-8032-X774 | | Guide diamond upper D=0.155 mm | |
| | A290-8032-X775 | | Guide diamond upper D=0.205 mm | |
| | A290-8032-X776 | | Guide diamond upper D=0.255 mm | |
| | A290-8032-X777 | | Guide diamond upper D=0.305 mm | |
| F103T | A290-8032-Y765 |  | Guide diamond upper D=0.205 mm | O.P.Q.R series Manual for taper |
| | A290-8032-Y766 | | Guide diamond upper D=0.255 mm | |
| | A290-8032-Y767 | | Guide diamond upper D=0.305 mm | |
| F104 | A290-8032-X732 |  | Guide diamond lower D=0.105 mm | T.W series AWF |
| | A290-8032-X734 | | Guide diamond lower D=0.155 mm | |
| | A290-8032-X735 | | Guide diamond lower D=0.205 mm | |
| | A290-8032-X736 | | Guide diamond lower D=0.255 mm | |
| | A290-8032-X737 | | Guide diamond lower D=0.305 mm | |
| F104T | A290-8032-X765 |  | Guide diamond lower D=0.205 mm | T.W series Manual for taper 30Gr. |
| | A290-8032-X766 | | Guide diamond lower D=0.255 mm | |
| | A290-8032-X767 | | Guide diamond lower D=0.305 mm | |
| F105 | A290-8018-X443 |  | Guide diamond lower D=0.205 mm | K.M.N.L series AWF |
| | A290-8018-X444 | | Guide diamond lower D=0.255 mm | |
| | A290-8018-X445 | | Guide diamond lower D=0.305 mm | |
| F106 | A290-8011-X833 |  | Guide diamond upper & lower D=0.205 mm | K.M.N.L series Manual |
| | A290-8011-X834 | | Guide diamond upper & lower D=0.255 mm | |
| | A290-8011-X835 | | Guide diamond upper & lower D=0.305 mm | |
| F107 | A290-8018-X463 |  | Guide diamond upper D=0.205 mm | K.M.N.L series AWF |
| | A290-8018-X464 | | Guide diamond upper D=0.255 mm | |
| | A290-8018-X465 | | Guide diamond upper D=0.305 mm | |
| F108 | A290-8011-X753 |  | Guide diamond upper & lower D=0.205 mm | K.M.N.L series Manual |
| | A290-8011-X754 | | Guide diamond upper & lower D=0.255 mm | |
| | A290-8011-X755 | | Guide diamond upper & lower D=0.305 mm | |
| F110 | A290-8101-X730 |  | Guide diamond upper D=0.105 mm | Alpha-A.B.C.iA.iB Manual |
| | A290-8101-X732 | | Guide diamond upper D=0.155 mm | |
| | A290-8101-X733 | | Guide diamond upper D=0.205 mm | |
| | A290-8101-X734 | | Guide diamond upper D=0.255 mm | |
| | A290-8101-X735 | | Guide diamond upper D=0.305 mm | |
| F110T | A290-8103-X705 |  | Guide diamond upper D=0.205 mm | Alpha-A.B.C.iA.iB Manual for taper 45Gr |
| | A290-8103-X706 | | Guide diamond upper D=0.255 mm | |
| | A290-8103-X707 | | Guide diamond upper D=0.305 mm | |

| List of wire guide dies | | | | |
|-------------------------|----------------|--|--------------------------------|---|
| Ref. No | Model | Picture | Description | Application |
| F111 | A290-8101-X743 |  | Guide diamond lower D=0.205 mm | Alpha-A.B.C.iA.iB Manual |
| | A290-8101-X744 | | Guide diamond lower D=0.255 mm | |
| | A290-8101-X745 | | Guide diamond lower D=0.305 mm | |
| F111T | A290-8109-X715 |  | Guide diamond lower D=0.205 mm | Alpha-A.B.C.iA.iB Manual for taper 45Gr |
| | A290-8109-X716 | | Guide diamond lower D=0.255 mm | |
| | A290-8109-X717 | | Guide diamond lower D=0.305 mm | |
| F112 | A290-8092-X702 |  | Wire guide upper D=0.105 mm | Alpha-A.B.C.iA.iB AWF |
| | A290-8092-X703 | | Wire guide upper D=0.145 mm | |
| | A290-8092-X704 | | Wire guide upper D=0.155 mm | |
| | A290-8092-X705 | | Wire guide upper D=0.205 mm | |
| | A290-8092-X706 | | Wire guide upper D=0.255 mm | |
| | A290-8092-X707 | | Wire guide upper D=0.305 mm | |
| | A290-8092-X708 | | Wire guide upper D=0.335 mm | |
| F112T | A290-8104-X705 |  | Wire guide upper D=0.205 mm | Alpha-A.B.C.iA.iB AWF for taper 45Gr |
| | A290-8104-X706 | | Wire guide upper D=0.255 mm | |
| | A290-8104-X707 | | Wire guide upper D=0.305 mm | |
| F113 | A290-8110-X715 |  | Wire guide lower D=0.205 mm | Alpha-A.B.C.iA.iB AWF |
| | A290-8110-X716 | | Wire guide lower D=0.255 mm | |
| | A290-8110-X717 | | Wire guide lower D=0.305 mm | |
| F113T | A290-8110-Z715 |  | Wire guide lower D=0.205 mm | Alpha-A.B.C.iA.iB AWF for taper 45Gr |
| | A290-8110-Z716 | | Wire guide lower D=0.255 mm | |
| | A290-8110-Z717 | | Wire guide lower D=0.305 mm | |
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| List of water nozzle parts | | | | |
|----------------------------|--------------------------------|---|--|--|
| Ref. No | Model | Picture | Description | Application |
| F124 | A290-8110-Y774 |  | Jet nozzle sapphire insert lower D=1.0 mm | Alpha-A.B.C.iA.iB AWF |
| F125-1 | A290-8102-Y756 |  | Jet nozzle upper ceramic insert D=1.50 mm | Alpha-A.B.C.iA.iB AWF |
| F125-2C | A290-8102-Y757 |  | Jet nozzle upper ceramic insert D=0.50 mm | Alpha-A.B.C.iA AWF-fine wire option |
| F126 | A290-8102-X723 |  | Nozzle base upper D=58 mm x 19 mmL - 4 screw holes | Alpha-A.B series AWF |
| F127 | A290-8110-Y723 |  | Nozzle base upper D=58 mm x 19 mmL - 5 screw holes | Alpha-C.iA.iC series AWF |
| F201 | A290-8021-Y745 |  | Water nozzle upper & lower D=3.0 mm /Special size | O.P.Q.R.T.W series Manual OD=25 x 16 mmT |
| | | | Water nozzle upper & lower D=4.0 mm /Special size | |
| | | | Water nozzle upper & lower D=5.5 mm | |
| F201L | A290-8021-Y755 |  | Water nozzle upper & lower long type D=5.5 mm L=5/10/20/30 mm | O.P.Q.R.T.W series Manual |
| F202 | A290-8021-Y705 |  | Water nozzle lower D=3.0 mm /Special size | O.P.Q.R.T.W series Manual |
| | | | Water nozzle lower D=4.0 mm /Special size | |
| | | | Water nozzle lower D=5.5 mm | |
| F202L | A290-8021-Y755 |  | Water nozzle lower long type D=5.5 mm L=5/10/20/30 mm | O.P.Q.R.T.W series Manual |
| F204 | A290-8037-X870 Not delivery |  | Water nozzle lower D=13 mm | W-1....4 series AWF |
| | A290-8037-X879 | | Water nozzle lower D=5.5 mm | |
| F205 | A290-8032-Y611 |  | Water nozzle upper D=5.5 mm | W-1....4 series AWF |
| | A290-8037-X689 Not delivery | | Water nozzle upper D=11 mm | |
| F206 | A290-8021-V722 |  | Water nozzle cap upper & lower for F201.F202 Stainless material | O.P.Q.R.T.W series |
| F206-2 | |  | Slide shaft for wire guide / Dies holder | O.P.Q.R.T.W series |
| F206-Set | |  | Nozzle holder assembly | O.P.Q.R.T.W series |
| F207 | A290-8048-X771 |  | Water nozzle upper D=7.0 mm D=24 x 17 mmT | W-0 Manual |
| F208 | A290-8048-X772 |  | Water nozzle lower D=7.0 mm D=26 x 17 mmT | W-0 Manual |

| List of water nozzle parts | | | | |
|----------------------------|----------------|---|---|---|
| Ref. No | Model | Picture | Description | Application |
| F209 | A290-8111-X772 |  | Nozzle upper D=2 mm | Alpha-A.B.C.iA.iB Manual OD40 x 40 mmT |
| | A290-8111-X774 | | Nozzle upper D=4 mm | |
| | A290-8101-X776 | | Nozzle upper D=6.5 mm | |
| | A290-8101-X777 | | Nozzle upper D=11 mm | |
| F210 | A290-8101-X755 |  | Nozzle holder lower D=4 / 6.5 mm D=4/16 x 23 mmT | Alpha-A.B.C.iA.iB Manual |
| F211 | A290-8103-X774 |  | Nozzle lower D=2.0 mm | Alpha-A.B.C.iA.iB Manual OD=27 x 16 mmT |
| | A290-8101-X774 | | Nozzle standard lower D=4.0 mm | |
| | A290-8101-X756 | | Nozzle lower D=6.5 mm | |
| F212 | A290-8102-X752 |  | Nozzle upper D=12 mm x 23.5 mmT | Alpha-A.B.C.iA.iB AWF |
| | A290-8104-X775 | | Nozzle upper D=2.0 mm x 23.5 mmT | |
| | A290-8102-X775 | | Nozzle upper D=4.0 mm x 23.5 mmT | |
| | A290-8102-X751 | | Nozzle upper standard D=6.5 mm x 23.5 mmT | |
| F213 | A290-8102-X772 |  | Nozzle lower D=12 mm x 25 mmT | Alpha-A.B.C.iA.iB AWF |
| | A290-8104-X774 | | Nozzle lower D=2 mm x 25 mmT | |
| | A290-8102-X774 | | Nozzle lower D=4 mm x 25 mmT | |
| | A290-8102-X771 | | Nozzle lower standard D=6.5 mm x 25 mmT | |
| F218 | | | Nozzle | OD40 x ID28.5 x 35 mmL |
| FE218 | |  | Water nozzle upper D=4 mm | Alpha-A.B.C.iA.iB Manual OD=40 x 30 mmL |
| FE218 | A290-8109-X776 | | Water nozzle upper D=6.5 mm | |
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| List of connected parts | | | | |
|-------------------------|-----------------------|---|---|------------------------------|
| Ref. No | Model | Picture | Description | Application |
| F301 | A290-8005-X722 |  | Isolation plate lower | O.P.Q.R.W.L series Manual |
| F302 | A290-8021-X709 |  | Isolation plate lower | O.P.Q.R.T.W series |
| F303 | A290-8032-X334 |  | Isolation plate lower | W series AWF |
| F303W | A290-8048-X333 |  | Isolation plate lower 56 x 73 x 10 mmT | W series semi-AWF |
| | A290-8012-X722 | | Isolation plate lower 83 x 57 x 6 mmT Material special epoxy resin - grade A (Not ceramic) | K series |
| F304 | A290-8021-X602 |  | Isolation plate upper 51 x 33 x 29 mm | O.P.Q.R.W series |
| F305 | A290-8101-X509 |  | Isolation plate upper 40 x 40 x 34 mm | Alpha-A.B series |
| F305-1 | A290-8102-600 |  | Guide base upper 70 x 27 x 48 mm | Alpha-B series AWF |
| F305-2 | A290-8110-X600 |  | Guide base upper 70 x 27 x 35 mm | Alpha-iB series AWF |
| F306 | A290-8101-X312 |  | Isolation plate lower D=72 x 15 mm | Alpha-A.B.C series |
| F307 | A290-8101-X761 |  | Guide base lower 75 x 56 x 66 mm | Alpha-A.B series |
| F307-1 | A290-8101-X761 |  | Guide base lower 75 x 56 x 66 mm | Alpha-C series |
| F307-2 | A290-8110-Y761 |  | Guide base lower 75 x 56 x 66 mm | Alpha-iA.iB.iC series |
| F308 | A290-8102-X393 | | Wire guide | Alpha-A.C |
| F400 | A97L-0001-0670 |  | Bearing 1260Z for F401 & F402 | W series |

| List of connected parts | | | | |
|-------------------------|----------------|---|---|---------------------------------------|
| Ref. No | Model | Picture | Description | Application |
| F401 | A290-8004-X713 |  | Wire sub roller stainless type OD49 x ID6.5 x 6 mm | W series |
| F401A | |  | Axle for F401 or F401C | W series |
| F401C | A290-8004-X713 |  | Wire sub roller ceramic type OD49 x ID6.5 x 6 mm | W series |
| F401-Set | A290-8004-V316 |  | Wire sub roller stainless type full set with axis & bearing | W series |
| F401C-Set | A290-8004-V316 |  | Wire sub roller ceramic type full set with axis & bearing | W series |
| F402 | A290-8006-X707 |  | Wire sub roller stainless type OD64 x ID6.5 x 6 mm | W series |
| F403 | A290-8103-X762 |  | Guide base lower stainless type 40 x 40 x 25 mm | Alpha-A.B series |
| F404 | A290-8110-Y770 |  | Lower guide block A stainless 59.5 x 49 x 20 mm | Alpha-A.B.C series AWF/Maual |
| F404-1C | A290-8101-X765 |  | Lower ceramic roller 38 x 22 x 12 mm | Alpha-A.B.C.iA.iB |
| F404-1 | A290-8101-X765 |  | Lower roller stainless 38 x 22 x 12 mm | Alpha-A.B.C.iA.iB |
| F405 | A290-8101-X394 |  | Feed guide plastic material 13 x 20 x 19 mm | Alpha-A.B.C series AWF/Maual |
| F406 | A290-8110-Z382 |  | Pinch roller ceramic D=40 x 20 x 18 mm | Alpha-A.B series AWF/Maual |
| F407 | A290-8110-Z383 |  | Feed roller ceramic D=40 x 20 x 19 mm | Alpha-A.B series AWF/Maual |
| F408 | A290-8102-X393 |  | Feed wire guide polycarbonate 57 x 20 x 20 mm | Alpha-A.B.C series AWF/Maual |
| F409 | A290-8101-X371 |  | Brake shoe upper D=140 x 22 mm | Alpha-A.B.C.iA.iB series AWF/Maual |
| | A290-8111-X371 | | Brake shoe / Substitute parts =F409 | Alpha-A.B.C.iA.iB series AWF/Maual |

| List of connected parts | | | | |
|-------------------------|--------------------|---|--|------------------------------------|
| Ref. No | Model | Picture | Description | Application |
| F409W | A290-8011-V352 |  | Brake shoe upper | O.P.Q.T.W series |
| F409WO | A290-8039-V352 |  | Brake shoe upper | W0 (AWF) series |
| F410 | A290-8110-X382 |  | Pinch roller ceramic without bearing (F502) OD40 x ID28 x 30 mmW | Alpha-C series AWF/Maual |
| F410B | A290-8110-V384#STD | | Pinch roller ceramic with bearing (F502) OD40 x 30 mmW | Alpha-C series AWF/Maual |
| F411 | A290-8110-X383 |  | Feed roller ceramic OD40 x 12 x 30 mmW | Alpha-C series AWF/Maual |
| F412 | A290-8110-X762 |  | Guide base lower stainless type 46 x 40 x 24.5 mm | Alpha-C.iA.iB series AWF/Maual |
| F413 | A290-8112-X382 |  | Pinch roller D=80 x 22 mmW | Alpha-0iA.1iA.0iB.1iB AWF/Maual |
| F414 | A290-8112-X383 |  | Feed roller D=80 x 22 mmW | Alpha-0iA.1iA.0iB.1iB AWF/Maual |
| F415 | A290-8037-X330 |  | Pinch roller SUS OD80 x ID27.5-20 mm x 18 mmT | O.P.Q.T.W series |
| F416 | A290-8037-X331 |  | Feed roller SUS OD80 x ID11 mm x 18 mmT | O.P.Q.T.W series |
| F417 | A290-8037-X805 |  | Pinch roller D=60 mm | W0 AWF |
| F418 | A290-8037-X806 |  | Feed roller D=60 mm | W0 AWF |
| F501 | A97L-0001-0670 |  | DRF2280H Lower bearing for F404-1. F404-1C OD25 x OD22 x ID8 x 7 mmT M422 (608-sus / non-rubber) | Alpha-0iA.1iA.0iB.1iB AWF/Maual |
| F502 | A97L-0201-0369 |  | SS6001LLU Lower bearing for F406.F410 OD=24 x ID12 x 6 mmT (6901RS) | Alpha-A.B.C series |
| F503 | A97L-0201-0369 |  | SS6203LLU Lower bearing | Alpha-A.B series |
| FE420 | A290-8032-V742 | | Roller assembly - right | W0 |

| List of connected parts | | | | |
|-------------------------|----------------|--|---|-------------|
| Ref. No | Model | Picture | Description | Application |
| FE421 | A290-8032-V746 | | Roller assembly - left | W0 |
| FE422C | | | Ceramic roller | W0 |
| FE704 | A290-8102-X656 |  | Chuck | |
| FE705 | A290-8102-X657 | | Cutting electrode | |
| FE706 | A290-8102-x752 | | Electrode screw | |
| FE708 | A98L-0001-0972 |  | V-packing 4-inch | Alpha-0iA |
| FE709 | A98L-0001-0973 |  | V-packing 6-inch | Alpha-1iA |
| | A290-8038-X919 | | Same as A290-8039-Y914 | |
| | A290-8101-X756 | | Same as A290-8101-X774 (F211/D=4 mm) | Alpha-A.B.C |
| | A290-8101-X775 | | Same as A290-8111-X774 (F209/D=4 mm) | Alpha-A.B |
| | A290-8101-X776 | | Same as A290-8111-X776 (F209/D=6.5 mm) | Alpha-A.B |
| | A290-8103-X715 | | Same as A290-8109-X715 (F111T/D=0.205 mm) | |
| | A290-8103-X716 | | Same as A290-8109-X716 (F111T/D=0.255 mm) | |
| | A290-8103-X717 | | Same as A290-8109-X717 (F111T/D=0.305 mm) | |
| | A290-8104-X715 | | Same as A290-8110-Z715 (F113T/D=0.205 mm) | |
| | A290-8104-X716 | | Same as A290-8110-Z716 (F113T/D=0.255 mm) | |

| List of Belt | | | | |
|--------------|----------------|---|--|-------------|
| Ref. No | Model | Picture | Description | Application |
| | A290-8037-X960 |  | Conveyer belt 13 x 1172 mm | |
| | A290-8037-X961 |  | Conveyer belt 13 x 1422 mm | |
| | A290-8037-X966 |  | Conveyer belt upper 13 x 1376 mm | |
| | A290-8037-X967 |  | Conveyer belt 13 x 1628 mm | |
| | A290-8039-X860 |  | Conveyer belt 14 x 1112 mm | W1 |
| | A290-8039-X861 |  | Conveyer belt 14 x 1417 mm | W1 |
| | A290-8040-X860 |  | Conveyer belt upper 14 x 1315 mm | W2 |
| | A290-8040-X861 |  | Conveyer belt lower 14 x 1620 mm | W2 |
| | A290-8046-X860 |  | Conveyer belt upper 21 x 1645 mm | W3 |
| | A290-8046-X861 |  | Conveyer belt lower 21 x 1962 mm | W3 |
| | A290-8047-X860 |  | Conveyer belt upper 21 x 2080 mm | W4 |
| | A290-8047-X861 |  | Conveyer belt lower 21 x 2400 mm | W4 |
| | A98L-0004-0153 |  | Conveyer belt L=0.7 X 17 X 4090 mm | |
| | A98L-0004-0153 |  | Conveyer belt L=0.7 X 17 X 4300 mm | |
| | A98L-0004-0359 |  | Conveyer belt for AWF type 17 x 1870 mm | |
| | A98L-0004-0359 |  | Conveyer belt for AWF type 17 x 1930 mm | |

