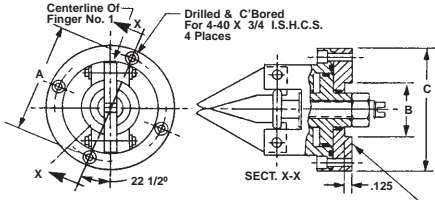


TECH. DATA - GRIPPERS - SERIES 2

MOUNTING

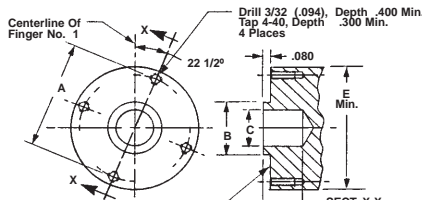
GRIPPER FLANGES FOR SERIES 2 GRIPPERS



| GRIPPER FLANGE IDENTIFICATION | A | B | C |
|-------------------------------|-------|-------|-------|
| AL-1 | 1.250 | 0.365 | 1.500 |
| AL-2 | 1.250 | 0.490 | 1.500 |
| AL-3 | 1.750 | 0.865 | 2.000 |
| AL-4 | 2.250 | 1.365 | 2.500 |

NOTE: Gripper Flange AL-1 Matches Mounting Pad AR-1
Flange AL-2 Matches Pad AR-2, etc.

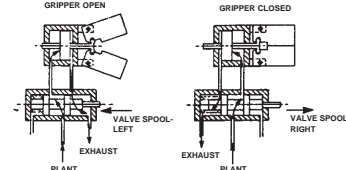
MOUNTING PADS FOR SERIES 2 GRIPPERS



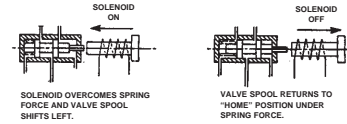
| MOUNTING PAD IDENTIFICATION | A | B | C | D | E |
|-----------------------------|-------|-------|-------|-------|-------|
| AR-1 | 1.250 | 0.365 | 0.313 | 0.375 | 1.500 |
| AR-2 | 1.250 | 0.490 | 0.453 | 0.438 | 1.500 |
| AR-3 | 1.750 | 0.865 | 0.656 | 0.625 | 2.000 |
| AR-4 | 2.250 | 1.365 | 0.656 | 0.625 | 2.500 |

NOTE: Gripper Pad AR-1 Matches Gripper Flange AL-1
Pad AR-2 Matches Flange AL-2, etc.

CONTROL



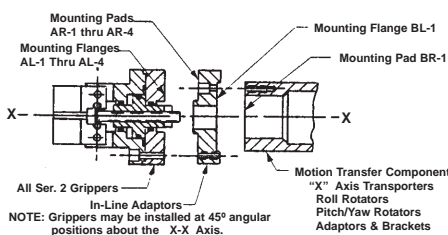
Four-Way Valve Control - Manually Operated



Four-Way Valve Control - Solenoid Operated
* Provides Control From A Remote Location.

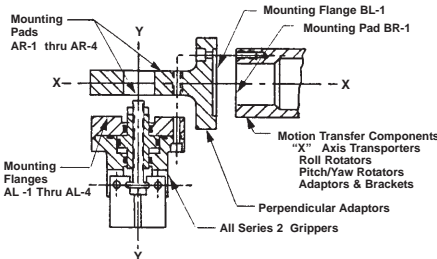
COMPONENT SELECTION

GRIPPER IN - LINE MOUNTING



All Ser. 2 Grippers
NOTE: Grippers may be installed at 45° angular positions about the X-X Axis.

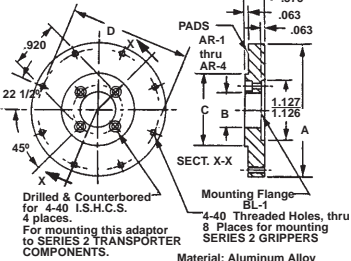
GRIPPER PERPENDICULAR MOUNTING



NOTE: Grippers may be installed at 45° angular positions about the Y-Y axis.
Adaptors with grippers may be installed at 90° angular positions about the X-X axis.

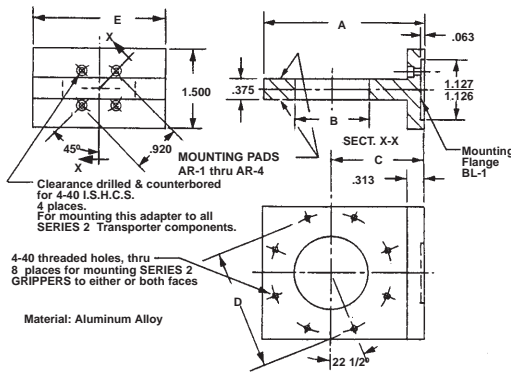
ADAPTORS

IN - LINE ADAPTORS



| IN-LINE ADAPTOR NO. | A | B | C | D | Gripper Flange Identification |
|---------------------|-------|-------|-------|-------|-------------------------------|
| 2590 | 1.500 | 0.313 | 0.365 | 1.250 | AL-1 |
| 2591 | 1.500 | 0.463 | 0.490 | 1.250 | AL-2 |
| 2592 | 2.000 | 0.650 | 0.865 | 1.750 | AL-3 |
| 2593 | 2.500 | 0.650 | 1.365 | 2.250 | AL-4 |

PERPENDICULAR ADAPTORS



| PERPENDICULAR ADAPTOR NO. | A | B | C | D | E | Gripper Flange Identification |
|---------------------------|-------|-------|-------|-------|-------|-------------------------------|
| 2680 | 2.063 | 0.375 | 1.250 | 1.250 | 1.500 | AL-1 |
| 2681 | 2.063 | 0.500 | 1.250 | 1.250 | 1.500 | AL-2 |
| 2682 | 2.563 | 0.875 | 1.500 | 1.750 | 2.000 | AL-3 |
| 2683 | 3.063 | 1.375 | 1.750 | 2.250 | 2.500 | AL-4 |

FITTINGS & PORTS

TWO PIECE MONO-TAPER™ ELBOWS ARE SUPPLIED. MONO-TAPER™ FITTINGS ARE RUGGED, MINIATURE FITTINGS BASED ON S.A.E. 1/14-28 LT STANDARDS WHERE ALL THE TAPER IS INCORPORATED INTO THE FITTING. PORTS ARE 1/4-28 INTERNAL STRAIGHT THREADS.

Fitting location in the body is on section Y-Y & the fitting location in the cover may be oriented to any 90 degree relationship to section Y-Y. Two piece elbows for 1/8" I.D. plastic tubing are supplied unless one of the options below is required.

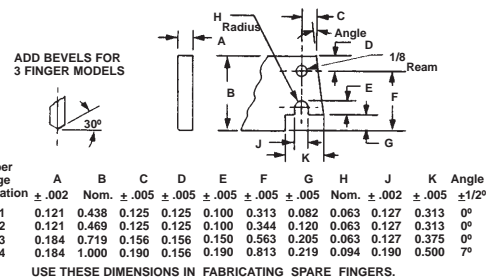
To dress control lines radially outward, disassemble elbows & install only the barbed section.

An optional elbow for 1/16" I.D. plastic tubing, if required, Add -1/16 as a suffix to the BASIC PART NO.
EXAMPLE: 2600 - 1/16
There is no added cost.

To dress 1/16" I.D. plastic tubing radially outward, disassemble two piece elbow & install only the barbed section.

10-32 Straight Threaded Optional Ports. If required, Add -1032 as a suffix to the BASIC PART NO.
EXAMPLE: 2600 - 1032
There is no added cost & fittings are not supplied.

FINGER MACHINING STANDARD

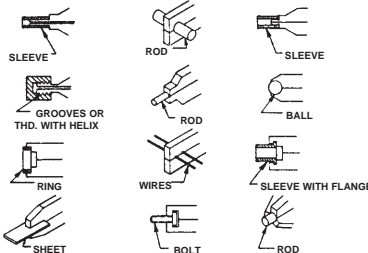


| Gripper Flange Identification | A | B | C | D | E | F | G | H | J | K | Angle |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| AL-1 | 0.121 | 0.438 | 0.125 | 0.125 | 0.100 | 0.313 | 0.082 | 0.063 | 0.127 | 0.313 | 0° |
| AL-2 | 0.121 | 0.469 | 0.125 | 0.125 | 0.100 | 0.344 | 0.120 | 0.063 | 0.127 | 0.313 | 0° |
| AL-3 | 0.184 | 0.719 | 0.156 | 0.156 | 0.150 | 0.563 | 0.205 | 0.063 | 0.127 | 0.375 | 0° |
| AL-4 | 0.184 | 1.000 | 0.190 | 0.156 | 0.190 | 0.813 | 0.219 | 0.094 | 0.190 | 0.500 | 7° |

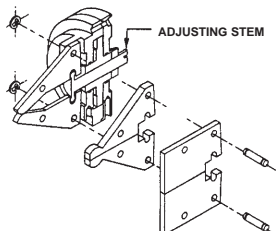
USE THESE DIMENSIONS IN FABRICATING SPARE FINGERS.

SUGGESTIONS

FINGER BLANKS ARE EASILY CONTOURED TO FIT A WORK PIECE.



SERIES 2 GRIPPERS MAY BE REPROGRAMMED FOR DIFFERENT WORKPIECES BY CHANGING FINGERS AND RE-ADJUSTING THE STEM.



SEVERAL DIFFERENT PRODUCTS MAY BE HANDLED WITH THE SAME GRIPPER/FINGER COMBINATION.

