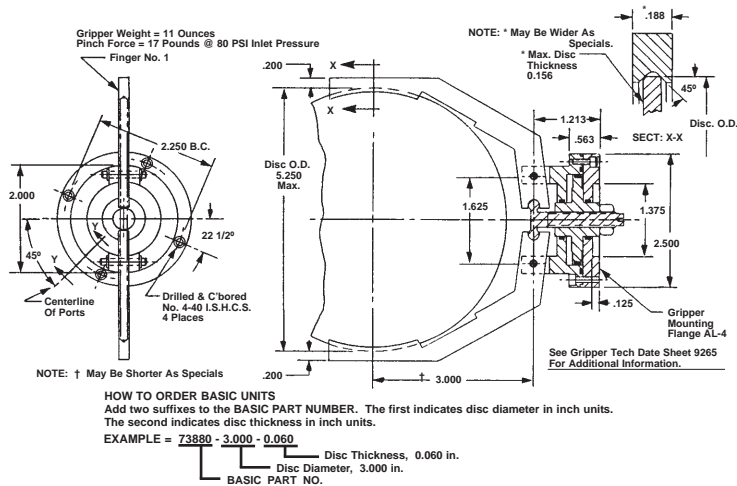


THIN DISC B·A·S·E® GRIPPERS - SER. 2

BASIC # 73880 TWO FINGER-EXT. GRIPPING



GENERAL NOTES:

Two finger external grippers simulate the motions of the thumb and index finger for grasping discs on the outer edge.

Three finger external grippers duplicate the motions of the thumb, index finger and a third finger for grasping discs on the outer edge from either side of the disc face.

Three finger internal grippers duplicate the motions of the thumb, index finger and a third finger for grasping discs on the inside of a hole.

A simple adapter will mount these grippers to almost any linear or rotary motion device. Please see the GRIPPER TECH DATA SHEET for adaptors used in mounting SER. 2 GRIPPERS to B·A·S·E® motion transfer components.

All grippers operate on the principle of a double acting pneumatic cylinder and may be controlled with a typical four-way valve circuit. See Tech. Data Sheet 9265 for the schematic.

Dimensions are nominal in U.S. Customary units.

Metric Versions are dimensionally equivalent with clearance hole, counterbores, threads and fasteners to metric standards. See inside back cover for U.S.A. to Metric Thread Conversion.

An air/oil mist unit is recommended for internal lubrication. Where such units are not practical, service kits including factory approved lube are offered. Please see how to order service kits.

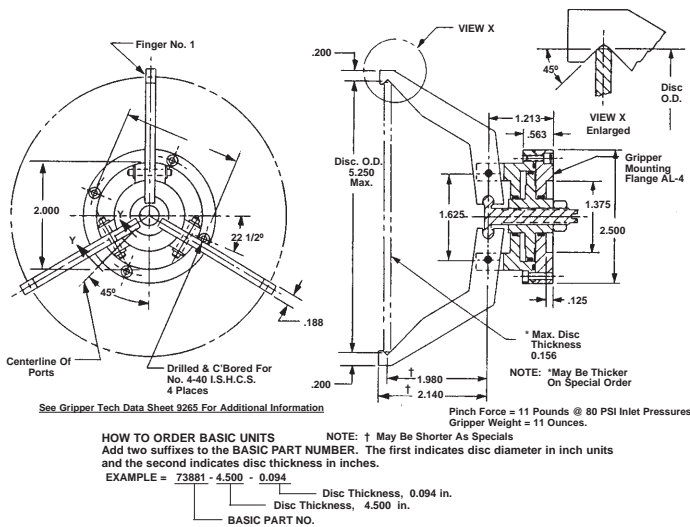
Grippers may be used in low pressure hydraulic service and in vacuum ambients.

Fingers may be fabricated from any machinable material with physical properties of 20,000 psi or higher.

For dimensions not shown, please see upper view and related table on Data Sheets 9261 and 9262.

See Tech. Data Sheet No. 9265 for added information on grippers and request copies of TL112 & TL113 for general information on non-servo, pneumatic robots and pneumatic grippers.

BASIC # 73881 THREE FINGER-EXT. GRIPPING



SPECIFICATIONS:

SERVICE: PLANT AIR
M.O.P. , 150 PSI (10 BARS)
M.O.T., +250° F. (120° C.)

MATERIALS:

PISTON, STEM & PINS, STAINLESS STEEL
HOUSING & FINGERS, ALUMINUM ALLOY
SEALS, BUNA "N" O RINGS
FASTENERS, ALLOY STEEL I.S.H.C.S.
SEE BELOW ON HOW TO ORDER OPTIONAL MATERIALS.

HOW TO ORDER ALL STAINLESS STEEL GRIPPERS

Add the letters "SS" as a prefix to the BASIC PART NO.
Add 50 % to the BASE PRICE.
EXAMPLE = SS- 73880

_____ BASIC PART NO.
All stainless steel prefix.

HOW TO ORDER METRIC GRIPPERS

Add the letter "M" as a prefix to the BASIC PART NO.
There is no added cost.
EXAMPLE = M- 73880

_____ BASIC PART NO.
Metric Prefix.

HOW TO ORDER GRIPPERS WITH STAINLESS FINGERS

Add the letter "S" as a suffix to the BASIC PART NO.
Add 33% to the BASE PRICE.
EXAMPLE = 73880 - S

_____ BASIC PART NO.
Stainless steel fingers

HOW TO ORDER GRIPPERS WITH TOOL STEEL FINGERS

Add the letters "TS" as a suffix to the BASIC PART NO.
Add 33 % to the BASE PRICE.
EXAMPLE = 73880 - TS

_____ BASIC PART NO.
Tool steel fingers

HOW TO ORDER SPARE ALUMINUM FINGERS

Add the suffix "SFA" to the BASIC PART NO.
Price is 25% of the BASE PRICE.
EXAMPLE = 73880 -SFA

_____ BASIC PART NO.
Alluminum alloy finger set.

HOW TO ORDER SPARE STAINLESS FINGERS

Add the suffix "SFS" to the BASIC PART NO.
Price is 33% of the BASE PRICE.
EXAMPLE = 73880 -SFS

_____ BASIC PART NO.
Stainless steel finger set

HOW TO ORDER SPARE TOOL STEEL FINGERS

Add the suffix "SFTS" to the BASIC PART NO.
Price is 33% of the BASE PRICE.
EXAMPLE = 73880 - SFTS

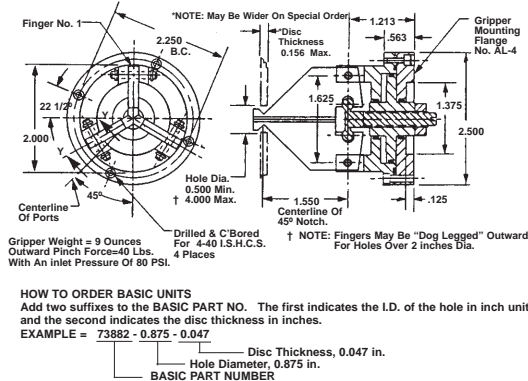
_____ BASIC PART NO.
Tool steel finger set.

HOW TO ORDER GRIPPERS WITH VITON SEALS

Add the suffix "V" to the BASIC PART NO.
Add 10% to the BASE PRICE.
EXAMPLE = 73880 -V

_____ BASIC PART NO.
Indicates VITON seals

BASIC # 73882 THREE FINGER-INT. GRIPPING



HOW TO ORDER VITON SERVICE KITS
Add the suffix "-VSK" to the BASIC PART NO.

EXAMPLE = 73880 - VSK
_____ VITON Service Kit.
BASIC PART NO.

HOW TO ORDER BUNA "N" SERVICE KITS
Add the suffix "-VSK" to the BASIC PART NO.

EXAMPLE = 73880 - SK
_____ Buna "N" Service Kit.
BASIC PART NO.