

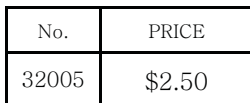
End of Arm Tooling (EOAT / JIG) for Take Our Robot



Steel Clear Zinc Plating Stem with compatible silicone rubber suction cups for any application of Material Handling. From Ø 5 mm dia to Ø30 mm . Most popular and common size for handling application. (Temperature range : 40F ~ 250 F) with affordable pricing



NUMBER	PRICE
31030	\$20.60

[illegible]

No.	PRICE
32010	\$ 2.60

No.	PRICE
32015	\$ 2.65



No.	PRICE
32020	\$ 2.70

A red, circular, textured object, possibly a cap or a small disk, with a central hole. It has a slightly raised rim and a smooth, matte finish.

No.	PRICE
32030	\$ 2.80



No.	PRICE
32915	\$ 3.25



No.	PRICE
32920	\$ 3.40

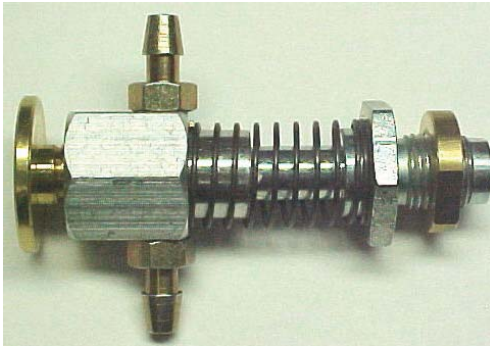
No.	PRICE
32925	\$ 3.50



HYROBOTICS CORP. (www.hyrobots.com)
5319 Brown Ave. Saint Louis MO 63120, USA
sales@hyrobots.com, Fax : 1-866-232-5594

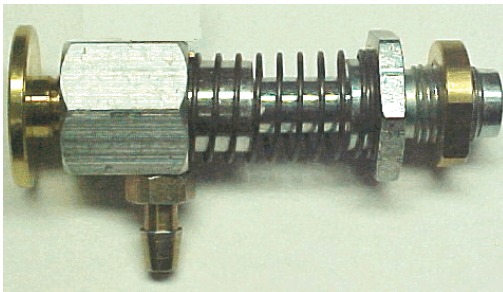
VACUUM CUP AND STEM 31050 SERIES (LARGE SIZE)

Aluminum body Stem with compatible silicone rubber suction cups for large size application. From Ø50 ~ Ø80 mm space and more close vacuum distance maximize the suction power. Brass Pad support hold suction cup strongly. For High Temperature work cond.



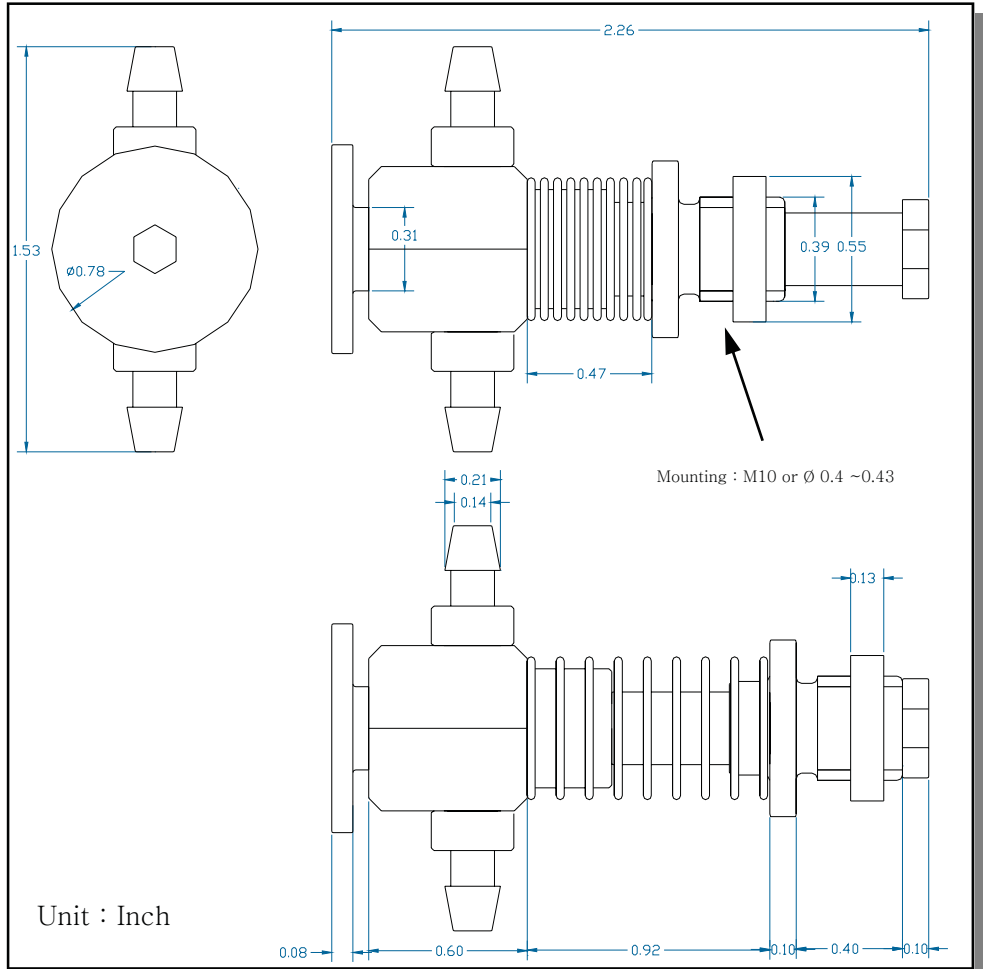
NUMBER	PRICE
31050T	\$ 25.85

T Style Vacuum Stem : 12 mm Stroke



NUMBER	PRICE
31050	\$ 24.00

L Style Vacuum Stem : 12 mm Stroke



No.	PRICE
32050	\$ 5.51

Vacuum Cup 50mmØ



No.	PRICE
32060	\$ 5.92

Vacuum Cup 60mmØ



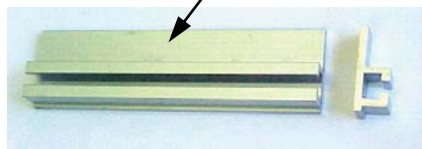
No.	PRICE
32080	\$ 6.95

Vacuum Cup 80mmØ

END OF ARM TOOLING CATALOGUE

Drill the hole here

Mount here



No.	PRICE
11000	\$50.00

L : 450mm Base Frame



No.	PRICE
11200	\$ 25.75

L:200 mm Base Frame



No.	PRICE
11250	\$26.75

L:250 mm Base Frame



No.	PRICE
14220	\$32.95

Vertical Bar for 220 mm



No.	PRICE
14310	\$35.00

Vertical Bar 310 mm



No.	PRICE
32005	

Bracket : 70 mm



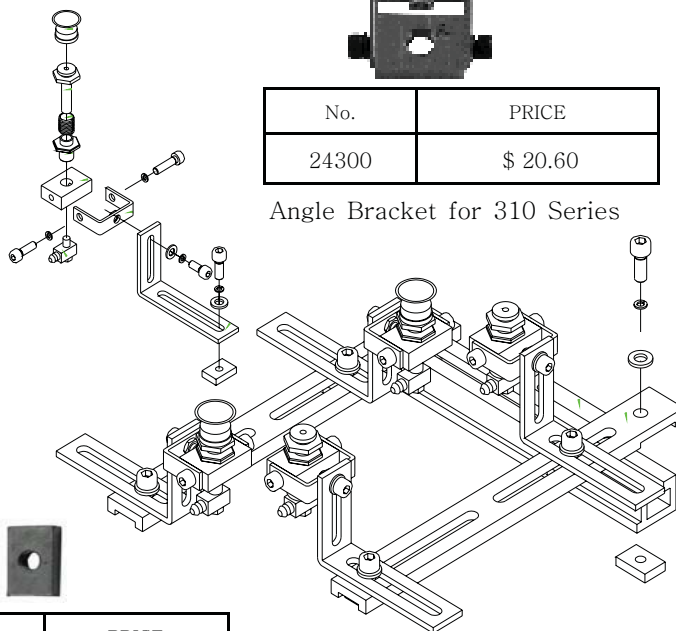
No.	PRICE
32005	

Bracket : 90 mm



No.	PRICE
32005	

Bracket : 120 mm



No.	PRICE
24300	\$ 20.60

Angle Bracket for 310 Series



No.	PRICE
24406	\$2.06

Nut Bracket with Bolts



No.	PRICE
AF5-2	\$ 5.58

For 6 mm Tubing, T



No.	PRICE
AF5-1	\$ 5.20

For 6 mm Tubing, L



No.	PRICE
36906-S	\$ 38.02

Silicone Tubing 6 mm
Length : 66'



No.	PRICE
36906-P	\$28.73

Clear Polyurethane Tubing
6 mm Length 66'



NUMBER	PRICE
31040T	\$ 24.00

T Style Vacuum Stem : 12 mm Stroke



NUMBER	PRICE
31040	\$ 22.15

L Style Vacuum Stem : 12 mm Stroke

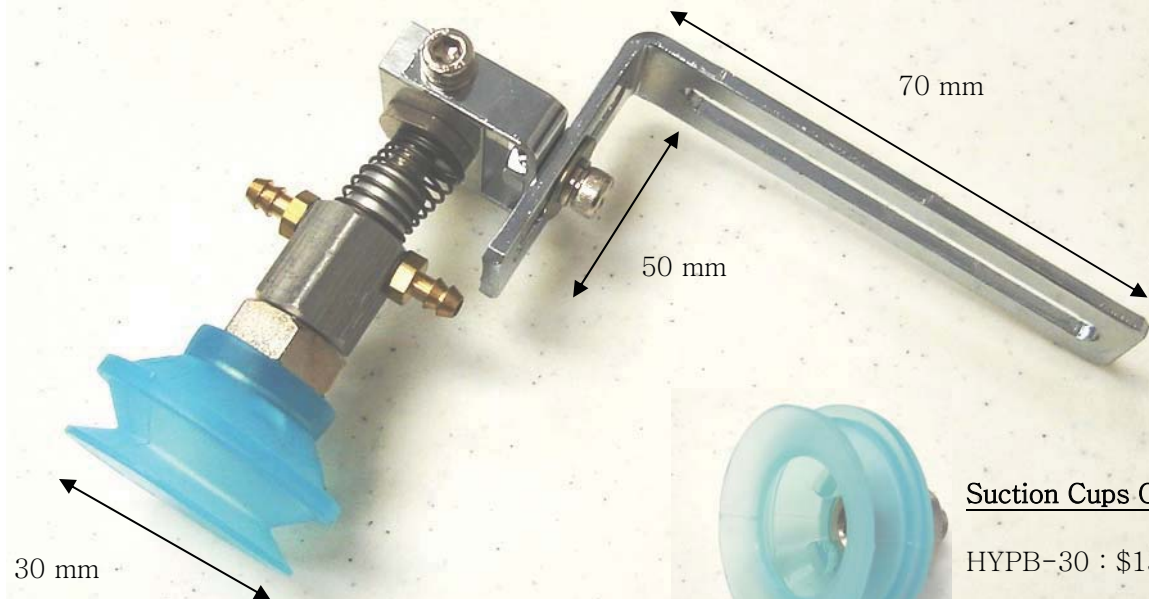


No.	PRICE
32040	\$ 4.69

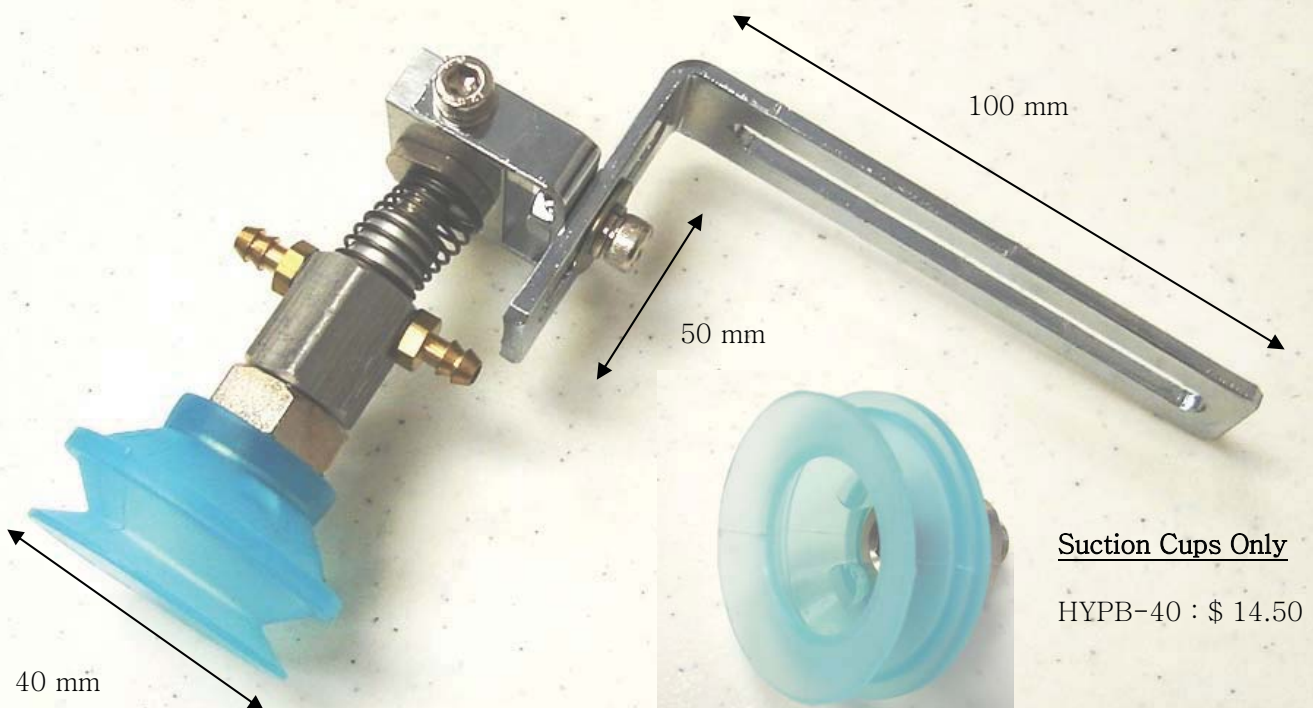


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5319 Brown Ave. Saint Louis MO 63120, USA
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Part Number : HYPB-30S : \$ 46.00



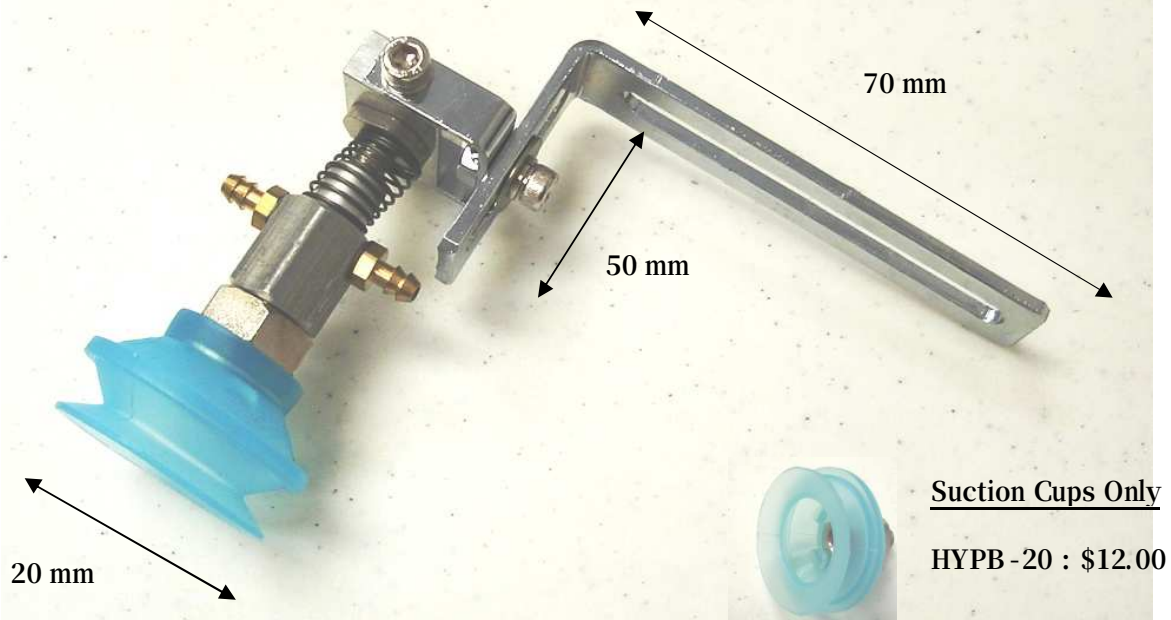
Part Number : HYPB-40S : \$48.00



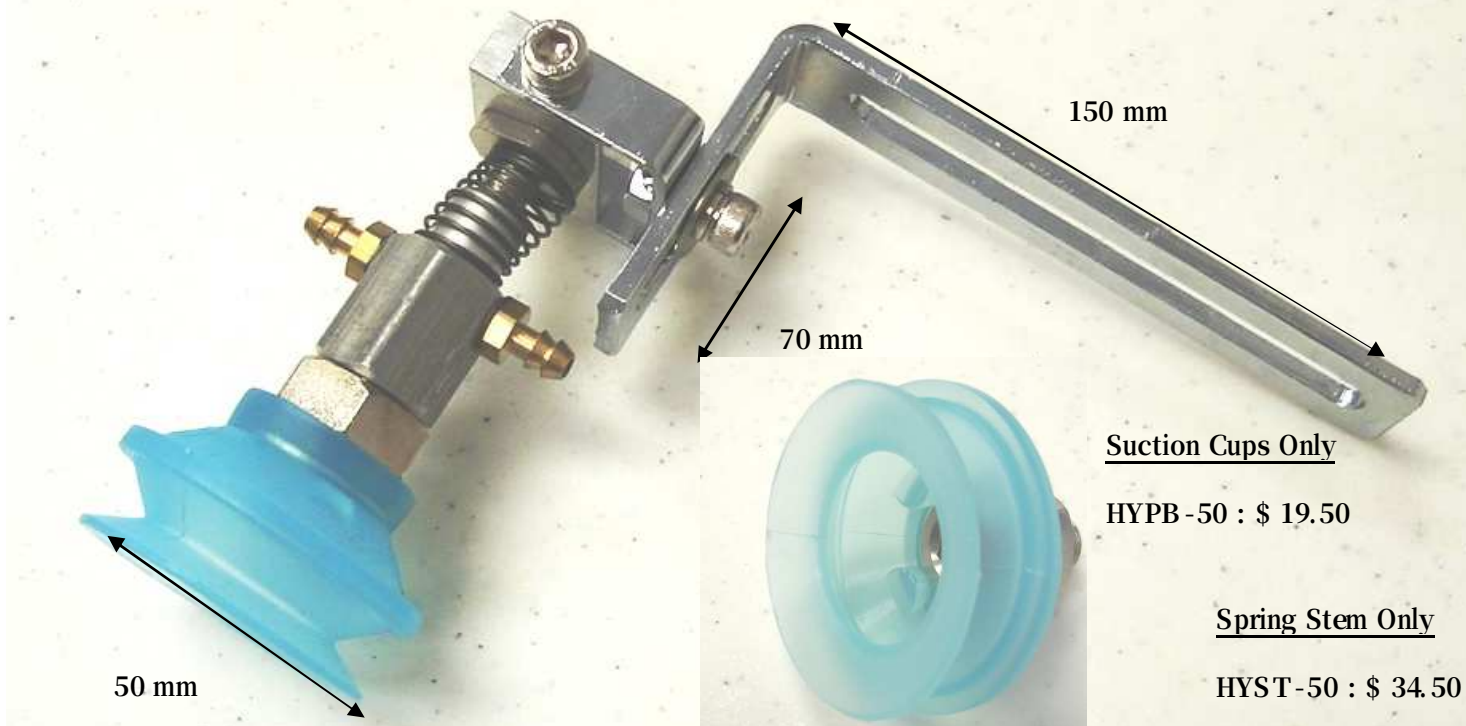
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5319 Brown Ave. Saint Louis MO 63120, USA
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sales@hyrobots.com, Fax : 1-866-232-5594

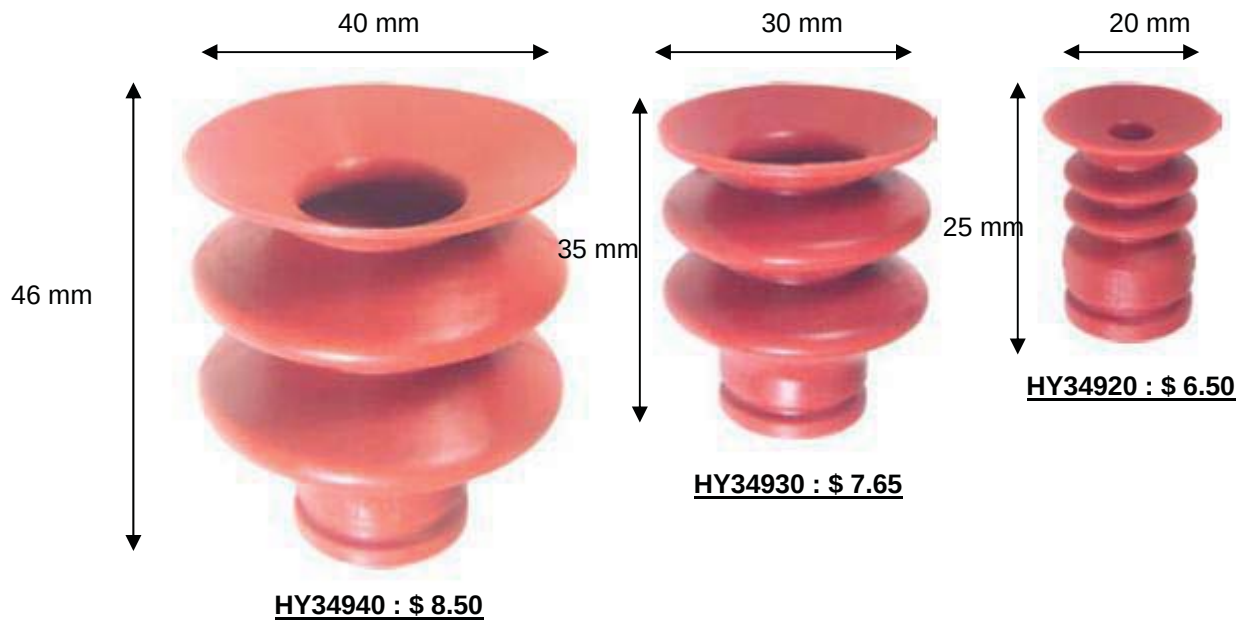
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Part Number : HYPB-20S : \$ 42.00

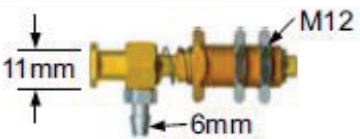
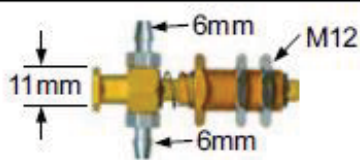
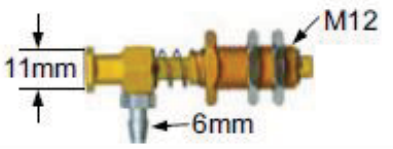
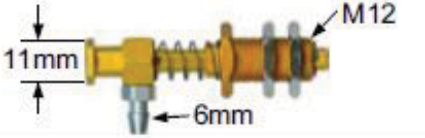


Part Number : HYPB-50S : \$54.00





Part Number : HYPB-40S

Part No.	Stroke	Mount Thread	Description	Price
HY31070	10mm	M12		\$18.00
HY31070T	10mm	M12		\$19.00
HY31070-20	20mm	M12		\$22.00
HY31070-30	30mm	M12		\$26.00



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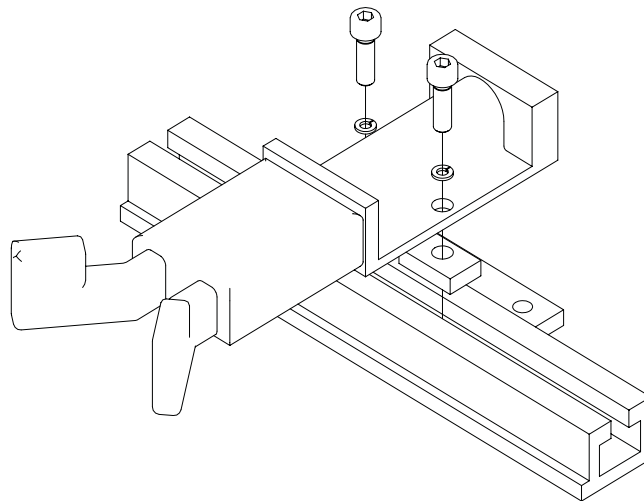
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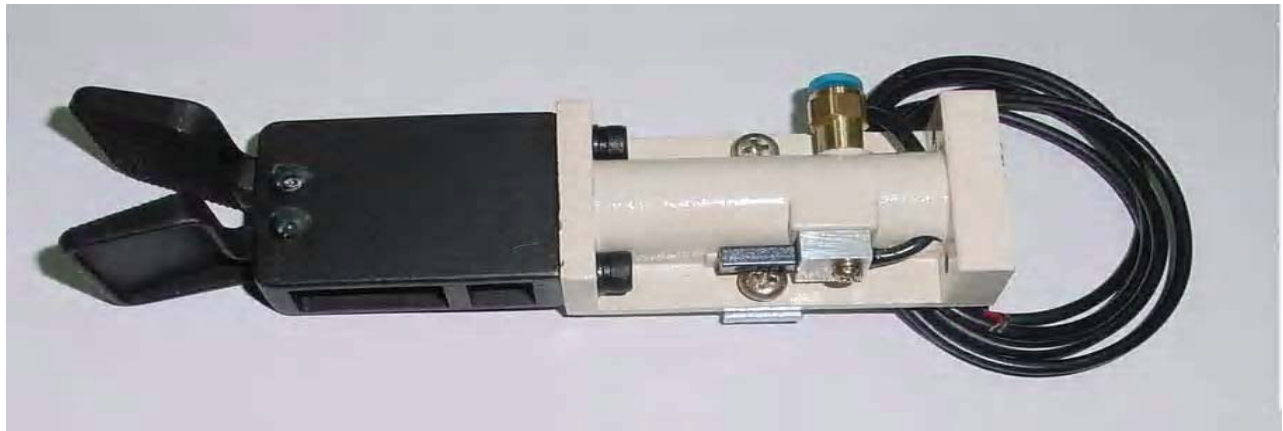
ASSEMBLY LIST

Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-34000-I	GRIPPER A (I)	1	1-24202-0	NUT BRACKET B	1
1-36CNT-4M5	CONNECTOR $\phi 4$, M5	1	M5	ROUND-HEAD SCREW(+)	2
1-41001-SW	XR-1, GRIPPER SENSOR	1			

ASSEMBLY Dwg.



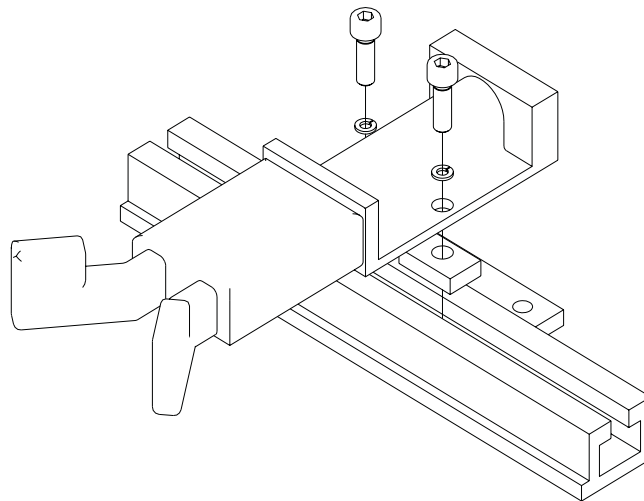
PRODUCT CODE	1-93101-I	\$ 185.00
description	GRIPPER (I)	



ASSEMBLY LIST

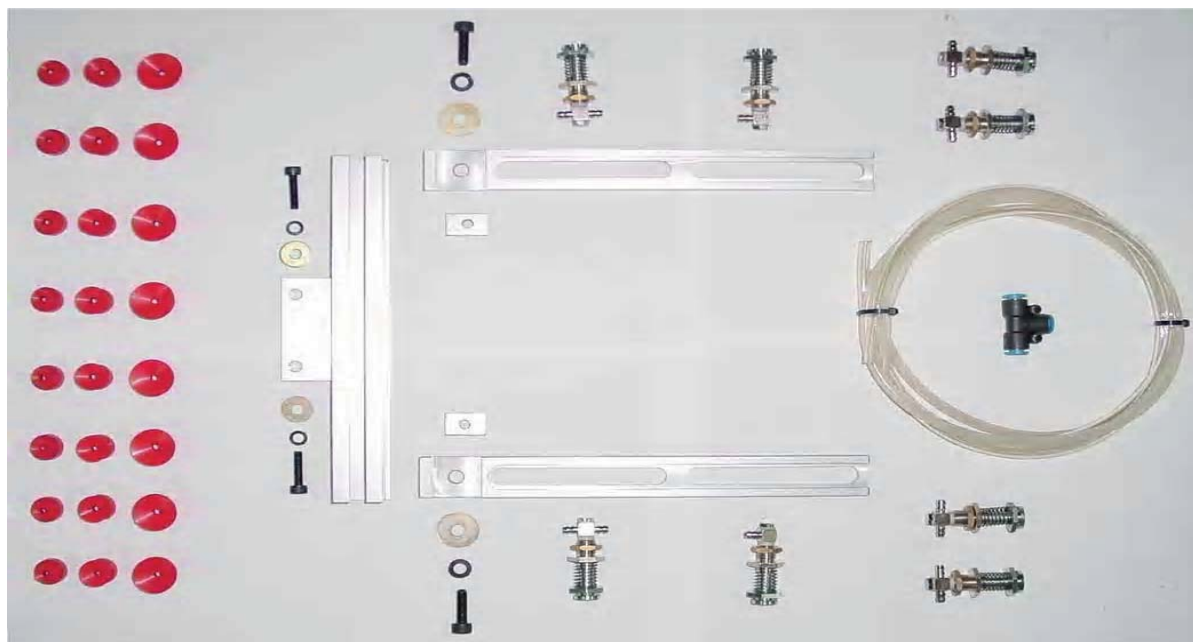
Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-34000-L	GRIPPER B (L)	1	1-24202-0	NUT BRACKET B	1
1-36CNT-4M5	CONNECTOR $\phi 4$, M5	1	M5	ROUND-HEAD SCREW(+)	2
1-41001-SW	XR-1, GRIPPER SENSOR	1			

ASSEMBLY Dwg.



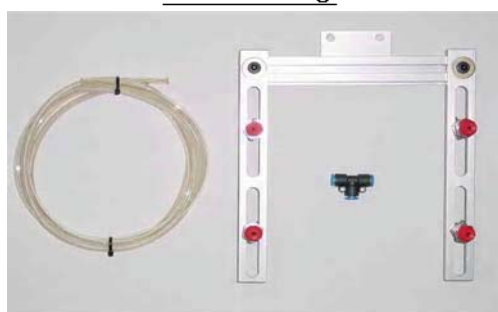
PRODUCT CODE	1-93101-L	\$ 195.00
description	GRIPPER (L)	

1-FEEDING

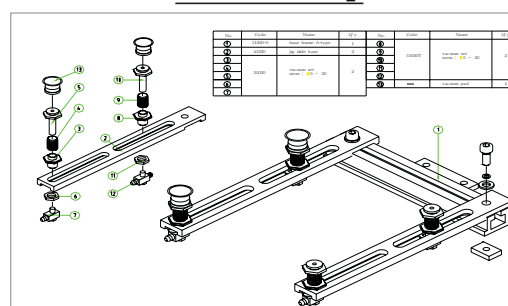


Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-11200-0	Base Frame (200 mm)	1	1-36UNT-666	Union T	1
1-14220-0	Vertical Bar (220 mm)	2	M5-20	Bolt	2
1-24201-0	Nut Bracket	2	M6-20		2
1-31310-S	Vacuum Stem	2	φ5	Washer	2
1-31310-T		6	φ6		2
1-32H10-SN	Vacuum Pad (φ10)	8	φ5	Spring Washer	2
1-32H15-SN	(φ15)	8	φ6		2
1-32H20-SN	(φ20)	8			
1-36U06-TP	Air Hose φ6				
1-36U06-TP	Transparent	1m			
1-36S06-TL	Silicone	1m			

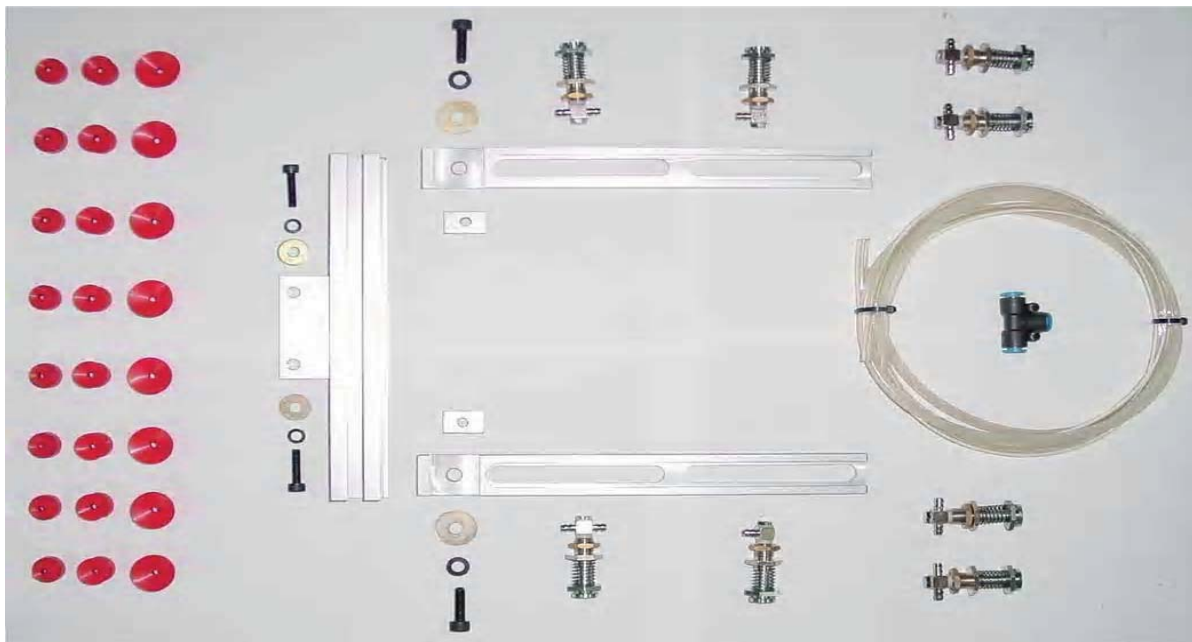
ASSEMBLY Fig.



ASSEMBLY Dwg.

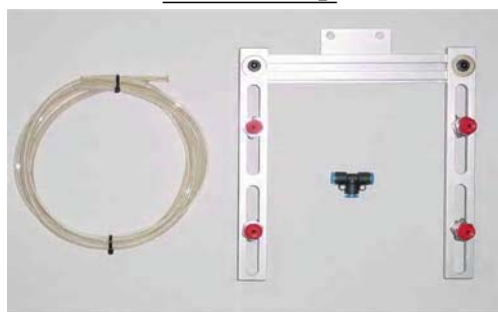


PRODUCT CODE	1-91011-0	\$ 220.00
description	JIG SET, NORMAL, 200-220	\$ 195.00

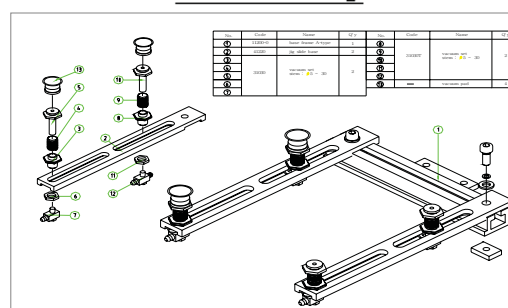


Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-11250-0	Base Frame (250 mm)	1	1-36UNT-666	Union T	1
1-14310-0	Vertical Bar (310 mm)	2	M5-20	Bolt	2
1-24201-0	Nut Bracket	2	M6-20		2
1-31310-S	Vacuum Stem	2	φ5	Washer	2
1-31310-T		6	φ6		2
1-32H15-SN	Vacuum Pad (φ15)	8	φ5	Spring Washer	2
1-32H20-SN	(φ20)	8	φ6		2
1-32H30-SN	(φ30)	8			
	Air Hose φ6				
1-36U06-TP	Transparent	1m			
1-36S06-TL	Silicone	1m			

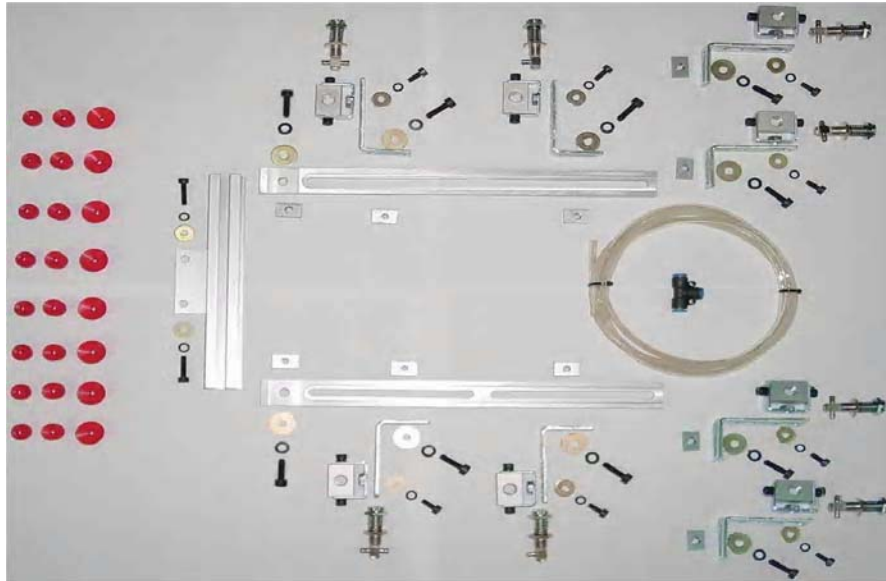
ASSEMBLY Fig.



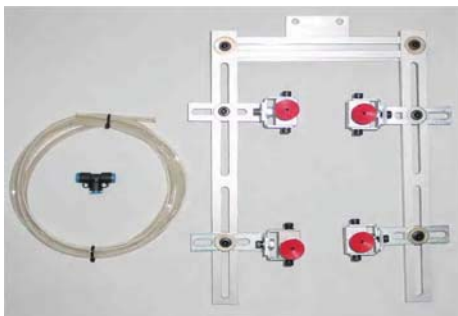
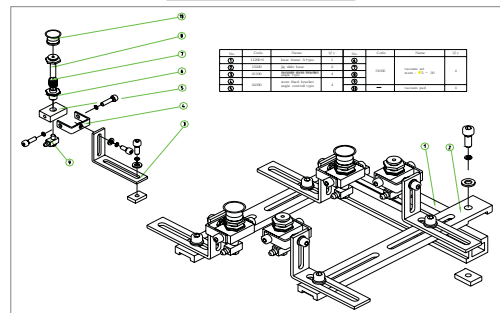
ASSEMBLY Dwg.



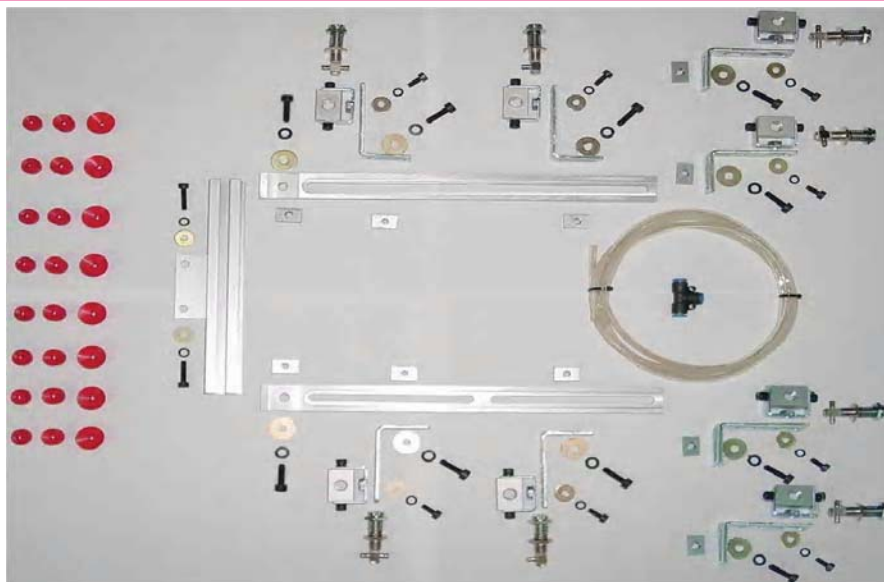
PRODUCT CODE	1-91012-0	\$ 239.00
description	JIG SET, NORMAL, 250-310	\$ 205.00



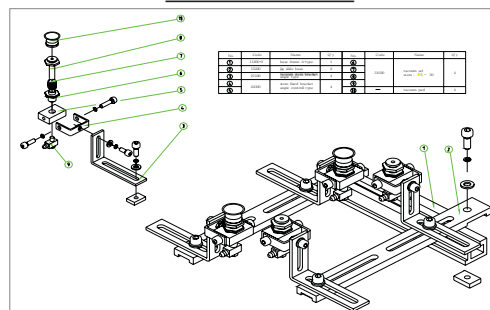
Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-11200-0	Base Frame (200 mm)	1	M5-12	Bolt	8
1-15220-0	Vertical Bar (220 mm)	2	M5-20		2
1-24201-0	Nut Bracket	10	M6-20		10
1-31310-S	Vacuum Stem	2	φ5	Washer	10
1-31310-T		6	φ6		10
1-32H10-SN	Vacuum Pad (φ10)	8	φ5	Spring Washer	10
1-32H15-SN	(φ15)	8	φ6		10
1-32H20-SN	(φ20)	8	1-21070-0	L Bracket	8
	Air Hose φ6		1-24101-0	Angle Bracket	8
1-36U06-TP	Transparent	1m			
1-36S06-TL	Silicone	1m			
1-36UNT-666	Union T	1			

ASSEMBLY Fig.**ASSEMBLY Dwg.**

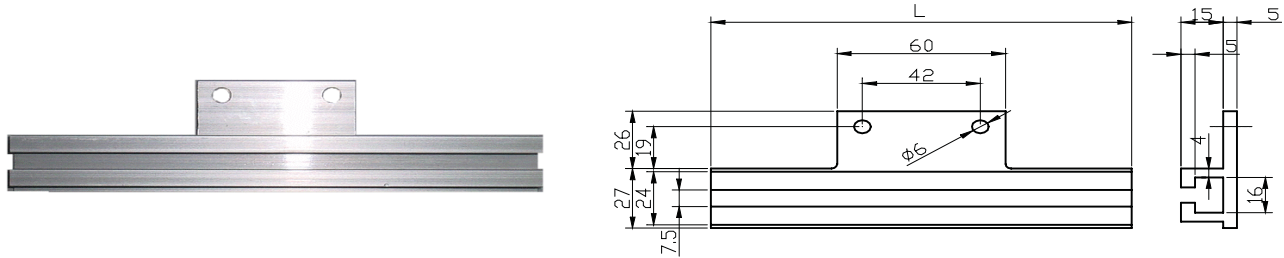
PRODUCT CODE	1-91021-0	\$ 355.00
description	JIG SET, ANGLE, 200-220	



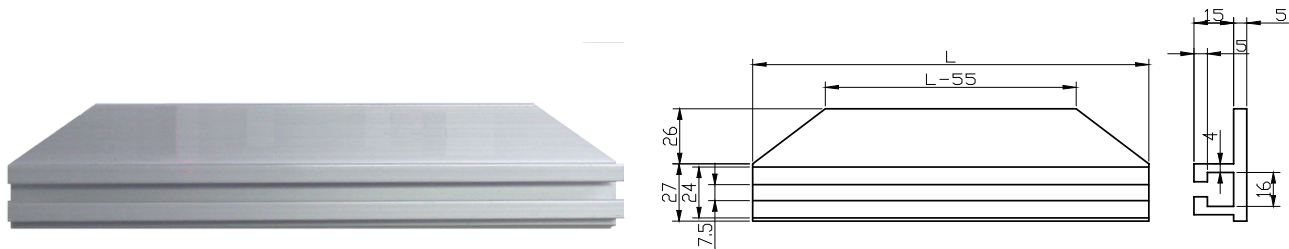
Product No.	Product Name	Q'y	Product No.	Product Name	Q'y
1-11250-0	Base Frame (200 mm)	1	M5-12	Bolt	8
1-15310-0	Vertical Bar (220 mm)	2	M5-20		2
1-24201-0	Nut Bracket	10	M6-20		10
1-31310-S	Vacuum Stem	2	φ5	Washer	10
1-31310-T		6	φ6		10
1-32H15-SN	Vacuum Pad (φ15)	8	φ5	Spring Washer	10
1-32H20-SN	(φ20)	8	φ6		10
1-32H30-SN	(φ30)	8	1-21070-0	L Bracket	8
	Air Hose φ6		1-24101-0	Angle Bracket	8
1-36U06-TP	Transparent	1m			
1-36S06-TL	Silicone	1m			
1-36UNT-666	Union T	1			

ASSEMBLY Fig.**ASSEMBLY Dwg.**

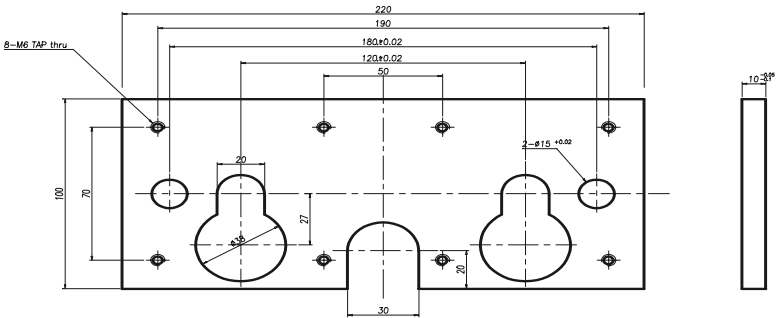
PRODUCT CODE	1-91022-0	\$ 360.00
description	JIG SET, ANGLE, 250-310	



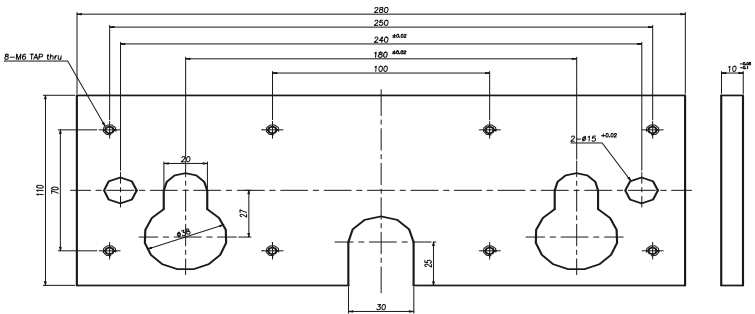
PRODUCT CODE	1-11200-0 (L=200mm)	\$25.00	BASE FRAME A-TYPE BASIC HOLE TYPE
	1-11250-0 (L=250mm)	\$27.00	For SWING TYPE (XC, TWIN) MOLD INJECTION MACHINE : 50~300TON



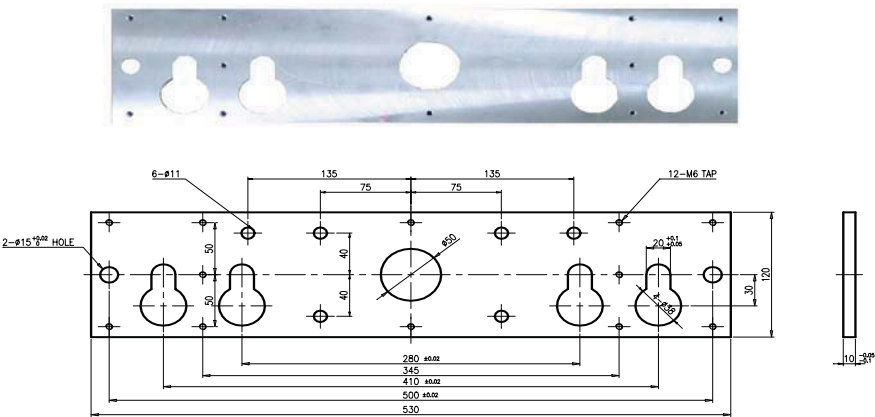
PRODUCT CODE	1-12400-9 (L=400mm)	\$35.00	Aluminum 6061 High Quality Profile Easy to Drill Hole
	1-12500-9 (L=500mm)	\$48.00	Sliding Slot to easy set up EOAT
	1-121000-9 (L=1000mm)	\$68.00	6 mm Nut Required. Drillig Required



PRODUCT CODE	1-16100-0	JIG PLATE , 120
		TRAVERSE TYPE : 350~550t MOLD INJECTION MACHINE : 350t~550t

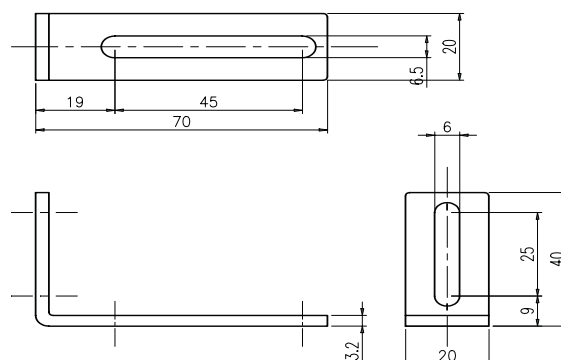


PRODUCT CODE	1-16200-0	JIG PLATE , 180
		TRAVERSE TYPE : 650t~850t MOLD INJECTION MACHINE : 650t~850t

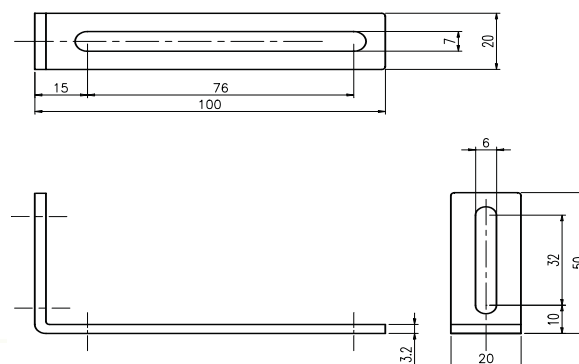


PRODUCT CODE	1-16280-0	JIG PLATE , 280
		TRAVERSE TYPE : 1300t~ MOLD INJECTION MACHINE : 1300t~

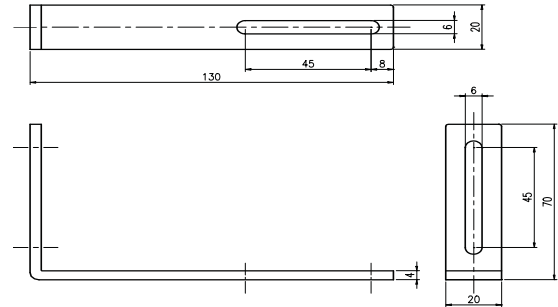
PRODUCT CODE		



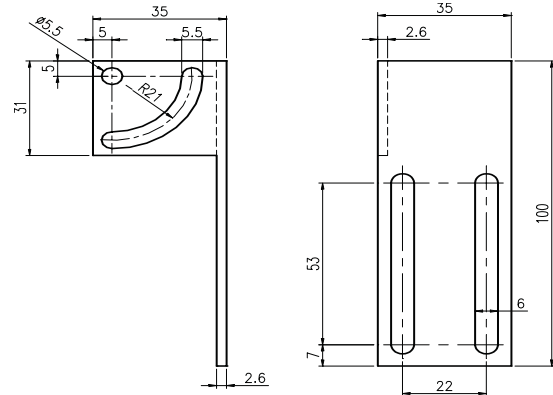
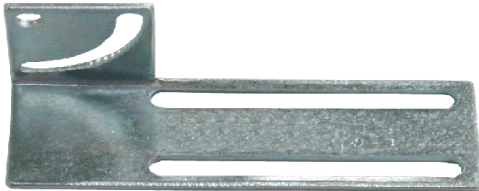
PRODUCT CODE	1-21070-0	VACUUM STEM BRACKET L=70mm ANGLE TYPE
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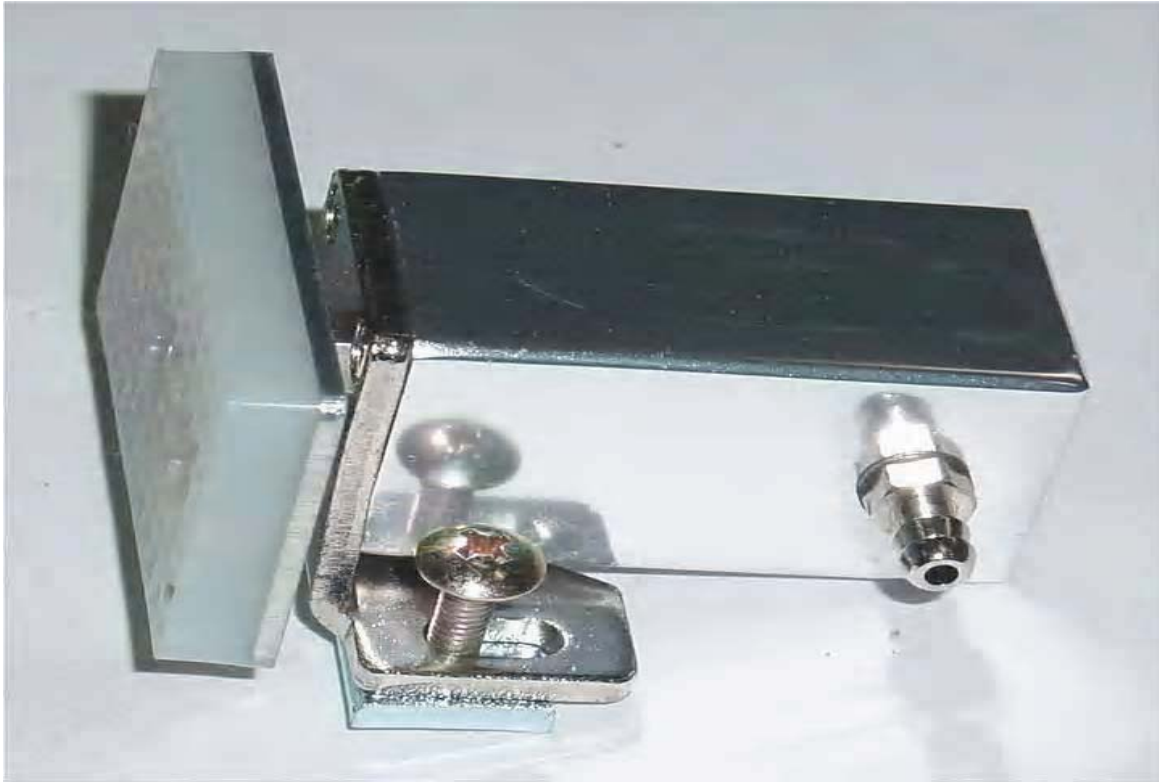
PRODUCT CODE	1-21100-0	VACUUM STEM BRACKET L=100mm ANGLE TYPE
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PRODUCT CODE	1-21130-0	VACUUM STEM BRACKET ANGLE TYPE
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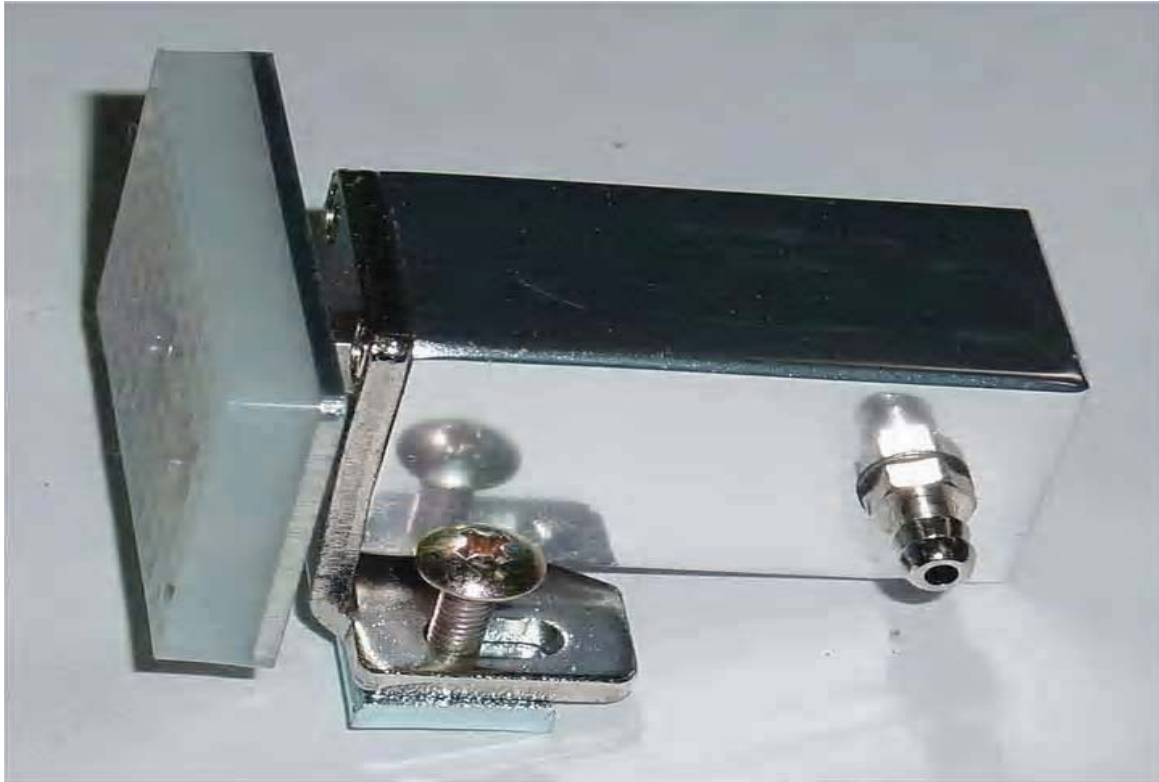
PRODUCT CODE	1-22001-0	LIMIT S/W BRACKET (FOR 1-42103-SW ONLY)
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ASSEMBLY LIST

Product Name	Product No.	Q'y	Product Name	Product No.	Q'y
CHUCK CYLINDER SINGLE ACTING STROKE 10mm	1-33C10-S	1	ROUND-HEAD SCREW (+)		3
NUT BRACKET C, 4mm	1-24203-0	1			
CHUCKING PAD	1-24900-0	1			

PRODUCT CODE	1-93001-0
description	SINGLE ACT. CHUCK CYLINDER UNIT, 10mm



ASSEMBLY LIST

Product Name	Product No.	Q'y	Product Name	Product No.	Q'y
CHUCK CYLINDER SINGLE ACTING STROKE 20mm	1-33C20-S	1	ROUND-HEAD SCREW (+)		3
NUT BRACKET C, 4mm	1-24203-0	1			
CHUCKING PAD	1-24900-0	1			

PRODUCT CODE	1-93002-0
description	SINGLE ACT. CHUCK CYLINDER UNIT, 20mm



ASSEMBLY LIST

Product Name	Product No.	Q'ty	Product Name	Product No.	Q'ty
CHUCK CYLINDER DOUBLE ACTING STROKE 20mm	1-33C20-D	1	BALL BUSH, 8mm	1-82BBS-08	1
CHUCK CYLINDER BLOCK A	1-23001-0	1	NUT BRACKET A, 6mm	1-24201-0	2
CHUCKING PLATE A (C) LENGTH 95mm	1-24001-0	1	SNAP RING, 16mm		1
SHAFT, 8mm (FOR CHUCK CYLINDER)	1-81SFT-08	1	BOLT & WASHER		8

PRODUCT CODE	1-93022-0
description	DOUBLE ACT. CHUCK CYLINDER UNIT, 20mm



ASSEMBLY LIST

Product Name	Product No.	Q'ty	Product Name	Product No.	Q'ty
LIMIT S/W, R63.5	1-42103-SW	1	BOLT & WASHER		4
LIMIT S/W BRACKET	1-22002-0	1			
NUT BRACKET A, 6mm	1-24201-0	2			

PRODUCT CODE	1-94001-2
description	LIMIT SWITCH BRACKET UNIT, R63.5



ASSEMBLY LIST

Product Name	Product No.	Q'ty	Product Name	Product No.	Q'ty
LIMIT S/W	1-42103-SW	1	BOLT & WASHER		4
LIMIT S/W BRACKET	1-24201-0	1			
NUT BRACKET A. 6mm	1-24201-0	2			

PRODUCT CODE	1-94002-1
description	LIMIT SWITCH BRACKET UNIT, VL-TYPE

Mechanical Spring Switch

SPRING MECHANICAL SWITCHES

Spring switches are precision snap-action mechanisms enclosed in accurately molded plastic cases. There switched are carefully manufactured and thoroughly inspected. They are industry-known for their compactness, light weight, accurate repeatability and long life detecting parts



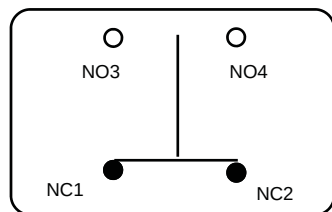
FEATURES

1. Operating force as low as 6 oz.
2. Flexible touch direction Spring style Parts Detector.
3. Power load switching capability to 15 amperes
4. High Temperature constructions for up to + 400 F (204 C)
5. From AC 110 to AC 600 , from DC 8 to DC 250.
6. Mechanical Repetition 120 / 1min , Electrical Repetition 30 / 1 min
7. Life Cycle : More than 5 Million times. (60 / minute)

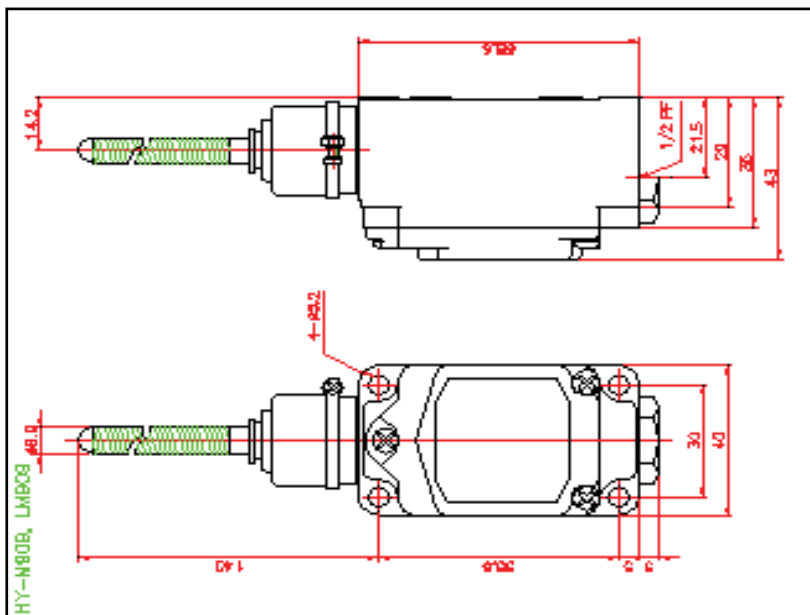
SPECIFICATION

Operating Force	150 g (5.29 Ounces)
Pre Travel	30 mm (1.18 Inch) Mac
Over Travel	30 mm (1.18 Inch) Max
Free Position	N / A
Operating Position	28 ± 15 mm (1.1 ± 0.5 inch)

ELECTRIC CIRCUIT DIAGRAM



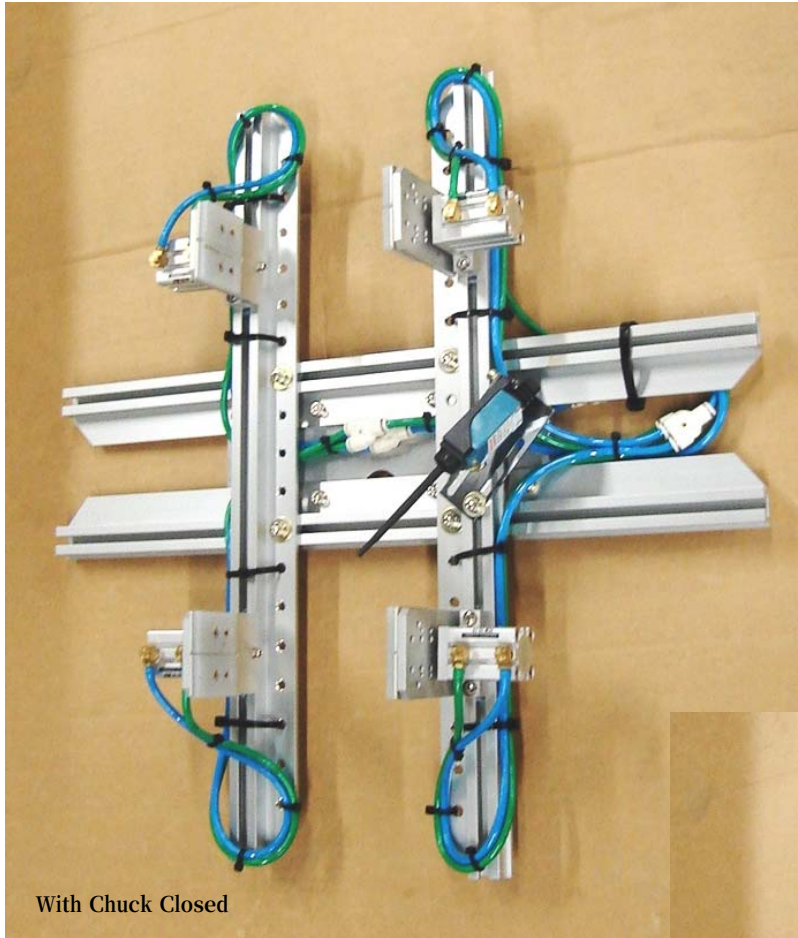
PART NUMBER	PRICE
411200	\$ 44.45



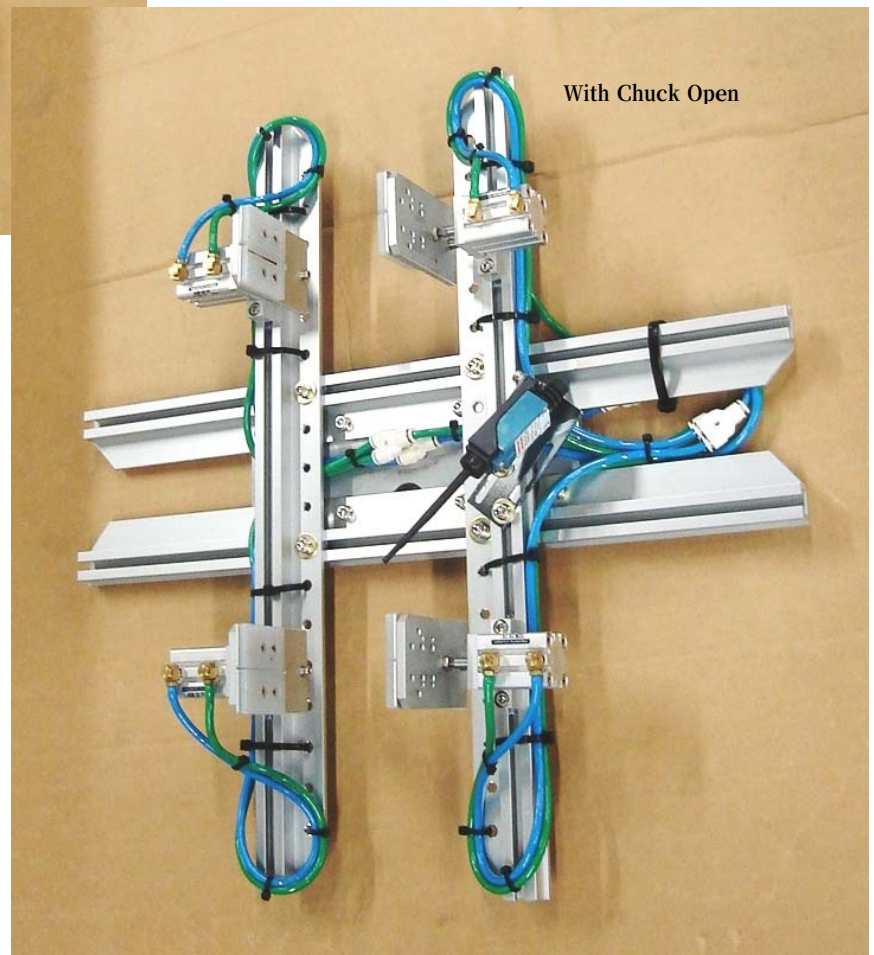
HYROBOTICS CORP. (www.hyrobots.com)
 5319 Brown Ave. Saint Louis MO 63120, USA
sales@hyrobots.com, Fax : 1-866-232-5594

TOP90100

2 Point EOAT Chucking Set (350 ~ 750 Tons IMM)



SPECIFICATION	
Size	600 mm x 600 mm (24 inch x 24 inch)
Gripper Stroke	20 mm (0.78 inch) x 2 Set (4 EA)
Chuck Size	350 ~ 750 Tons
Sensor	Limit Switch
Parts	1 Base Plate, 4 Aluminum Frame, 4 Chucking Cylinder, 1 Limit Switch, Pneumatic Line , Fittings
Add Chuck Unit	PRICE / Each
1 -93022 -0	+ \$ 125.00 / Each

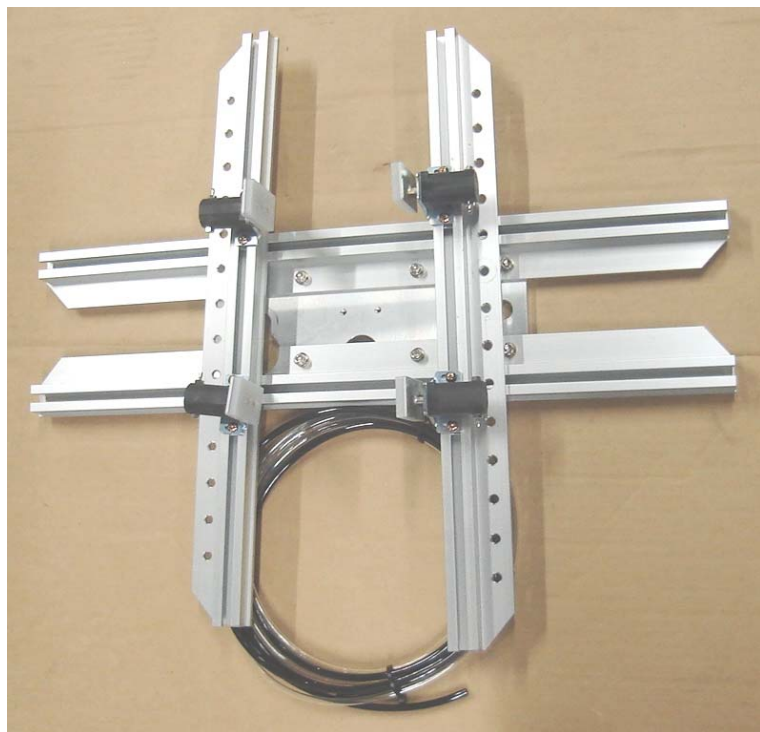


PART NUMBER	PRICE
TOP90100	\$ 980.00

Shows Assembled Units, Customer might required to assemble to meet their requirement. Might need to cut the length if required. Subject to change without notice.



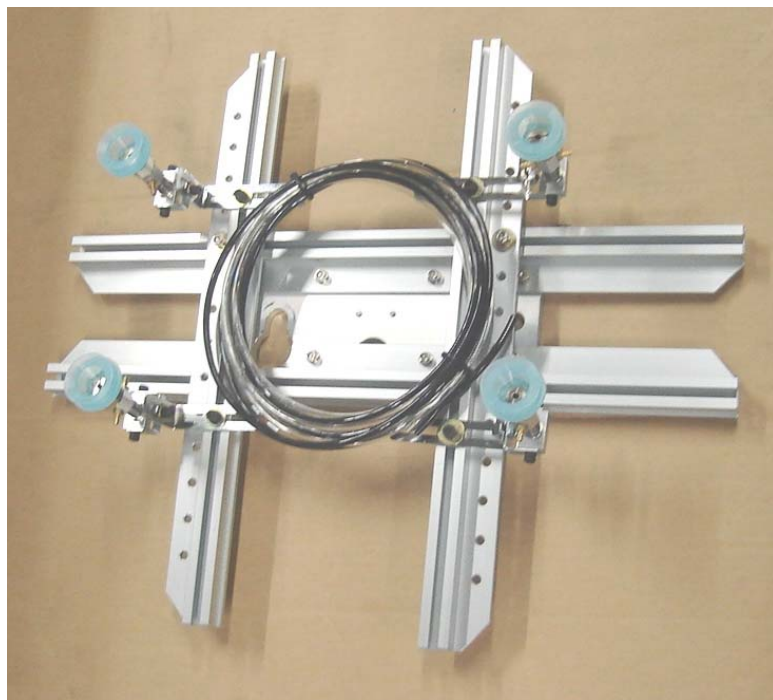
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TOP90101**2 Point EOAT Chucking Set (Light Weight)**

SPECIFICATION	
Size	600 mm x 600 mm (24 inch x 24 inch)
Chuck Stroke	20 mm (0.78 inch) x 2 Set (4 EA)
Machine Size	350 ~ 750 Tons
Sensor	Limit Switch
Parts	1 Base Plate, 4 Aluminum Frame, 4 Mini Chucking Cylinder, 1 Limit Switch, Pneumatic Line , Fittings

PART NUMBER	PRICE
TOP90101	\$ 695.00

Add Mini Cylinder	PRICE / Each
1-93002-0	+ \$ 45.00 / Each

TOP90201**4 Point EOAT Vacuum Set (350 ~ 750 Tons IMM)**

SPECIFICATION	
Size	600 mm x 600 mm (24 inch x 24 inch)
Vacuum Cups	40 mm Dia (1.57 inch) x 4 Set
Machine Size	350 ~ 750 Tons
Parts	1 Base Plate, 4 Aluminum Frame, 4 Vacuum Stem , 4 L Bracket, 4 Angle Bracket . Pneumatic Line , Fittings

PART NUMBER	PRICE
TOP90201	\$ 650.00

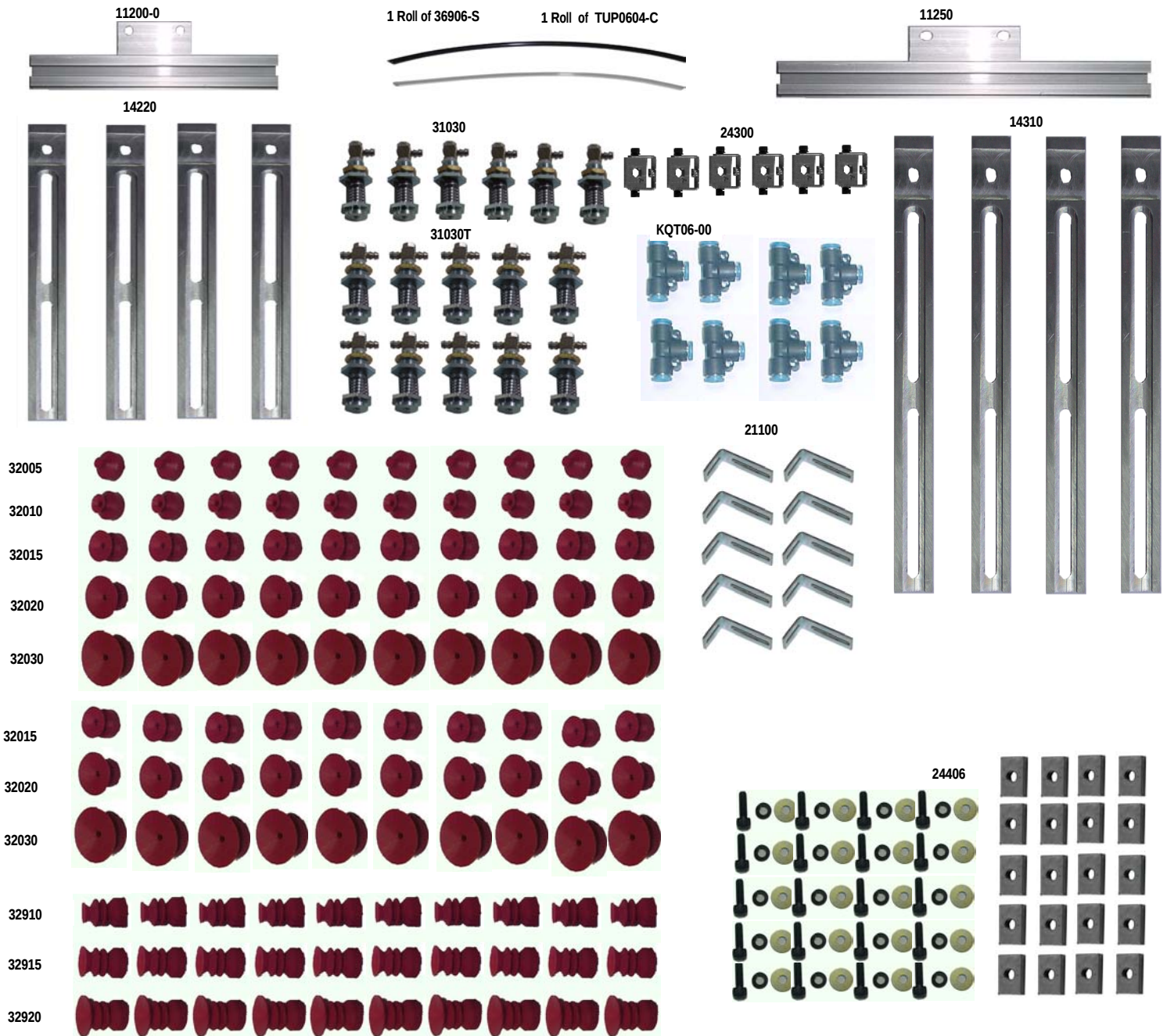
Add Vacuum Units	PRICE / Each
HYPB-40S	+ \$ 48.00 / Each

Shows Assembled Units, Customer might required to assemble to meet their requirement. Might need to cut the length if required. Subject to change without notice.



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END OF ARM TOOLING KIT : HY10099



1. For use on 80 ~ 350 Ton Press with take out robot.
2. Flexible assortment of over 200 items can meet most tooling requirements.
3. For NEXIA, ZEST, MACH, HIT (100 ~ 250 Tons Series)

Part Number : HY10099 , Price : \$ 1,250.00 / Set (Over 200 Items)

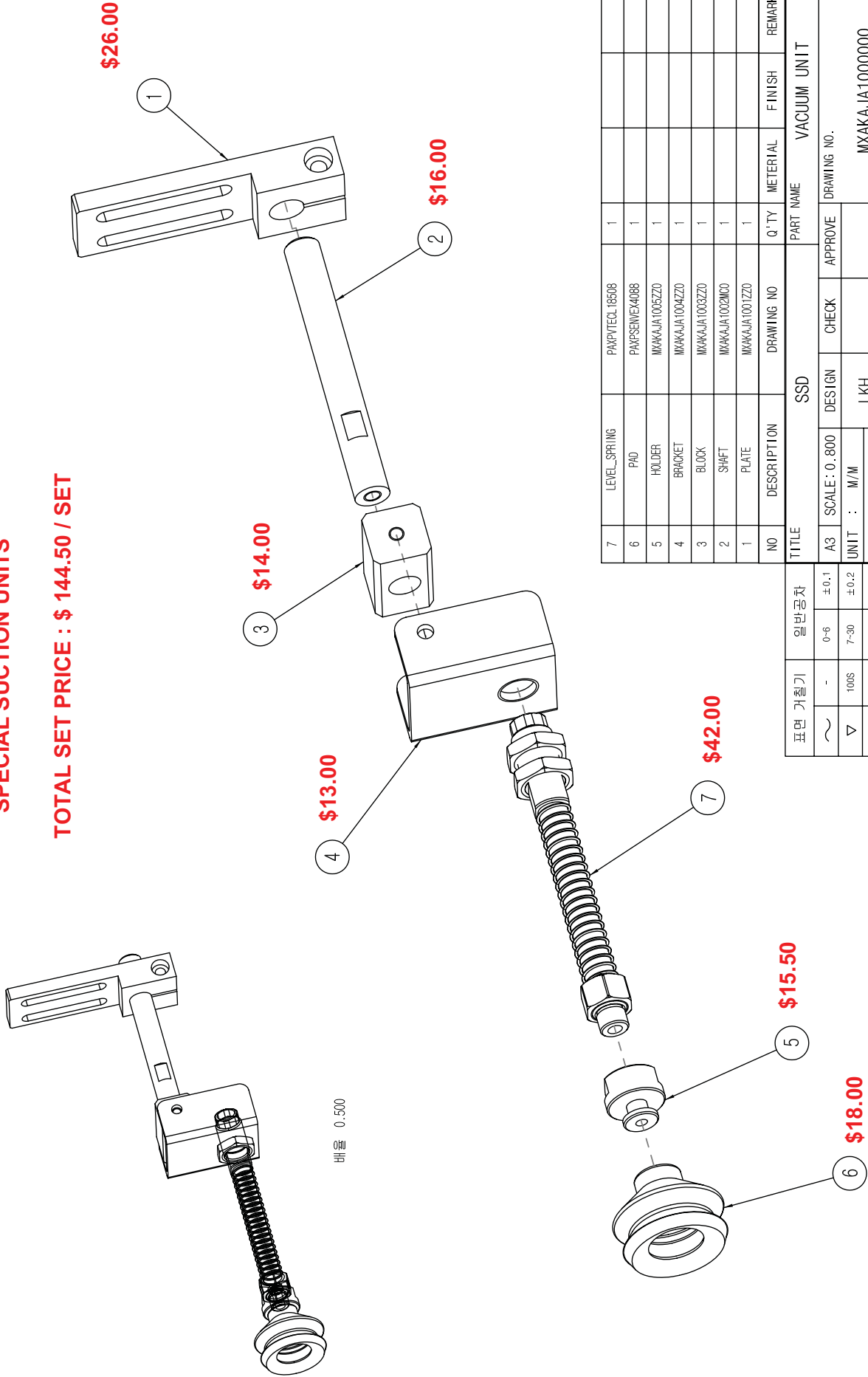
Subject to change without Notice



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SPECIAL SUCTION UNITS

TOTAL SET PRICE : \$ 144.50 / SET



7	LEVEL_SPRING	PAMP/TEQL18508	1		
6	PAO	PAMP/SEWEX4088	1		
5	HOLDER	MXAKAJA1005ZZD	1		
4	BRACKET	MXAKAJA1004ZZD	1		
3	BLOCK	MXAKAJA1003ZZD	1		
2	SHAFT	MXAKAJA1002MCO	1		
1	PLATE	MXAKAJA1001ZZD	1		

NO	DESCRIPTION	DRAWING NO	Q'TY	MATERIAL	FINISH	REMARK
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표면 거칠기		일반공차		TITLE			SSD			PART NAME		VACUUM UNIT	
~	-	0-6	±0.1	A3	SCALE : 0.800		DESIGN	CHECK	APPROVE	DRAWING NO.			
	100S	7-30	±0.2	UNIT : M/M									
▽	25S	31-120	±0.3	DATE : 07.10.08.		LKH							
▽▽	6.3S	121-400	±0.4	This drawing is property of Hyrobotics. Use or copy of this drawing without proper permission from the appropriate technical-document managing department is prohibited.									
▽▽▽	0.8S	401-1000	±0.5										
▽▽▽▽													

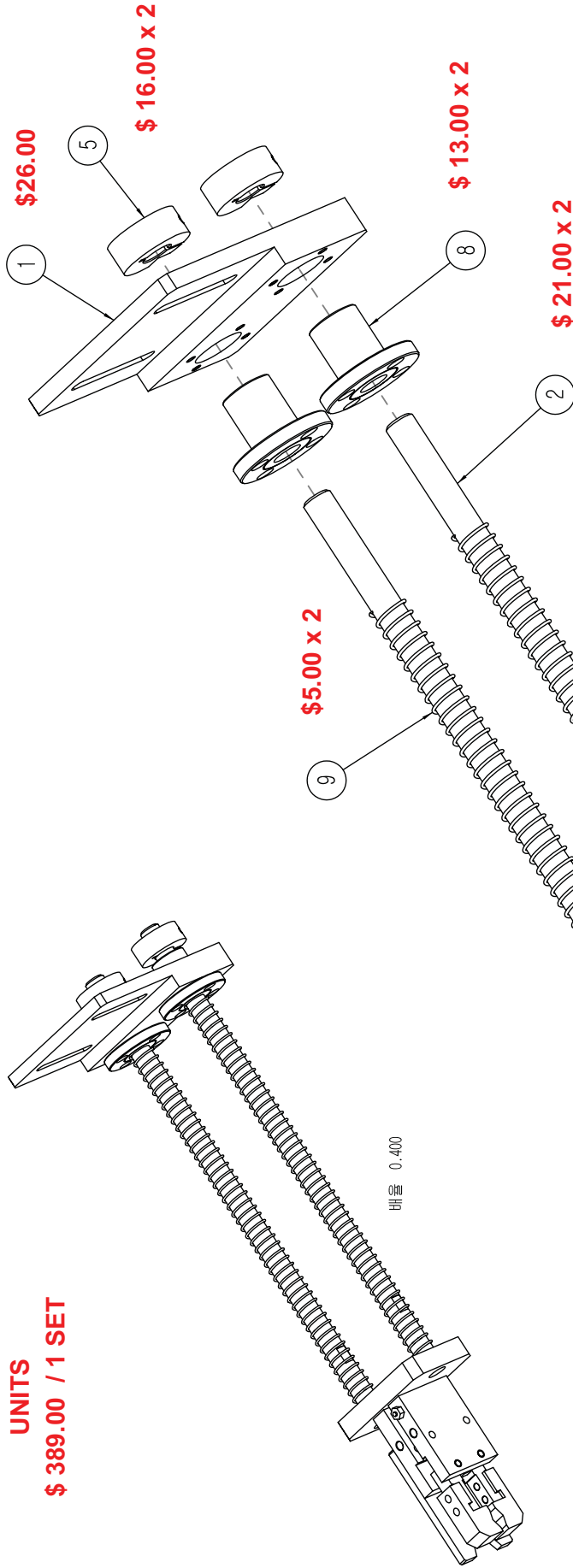


한양로보틱스(주)



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SPECIAL SPRUE GRIPPER
UNITS
\$ 389.00 / 1 SET



배율 0.400

9	SPRING	PSPWF162808888	2		
8	BALL_BUSH	PLDLMF12UJ888	2		
7	FINGER_CYLINDER	PAXAMFC2200888	1		
6	PLATE	MXAKAJA2006ZZ0	1		
5	COLLAR	MXAKAJA2005ZZ0	2		
4	FINGER_BLOCK	MXAKAJA2004ZZ0	2		
3	BLOCK	MXAKAJA2003ZZ0	1		
2	SHAFT	MXAKAJA2002M00	2		
1	PLATE	MXAKAJA2001ZZ0	1		
NO	DESCRIPTION	DRAWING NO	Q'TY	MATERIAL	FINISH
REMARK					

표면 거칠기		일반공차		TITLE			SSD		PART NAME		RUNNER GRIPPER UNIT	
~	-	0~6	±0.1	A3	SCALE : 0.600	DESIGN	CHECK	APPROVE	DRAWING NO. <			

\$27.00 x 2

\$165.00

\$16.00 x 2

\$21.00 x 2

\$5.00 x 2

\$13.00 x 2

\$26.00



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FAX ORDER FORM

FILL IN THE FORM AND FAX TO 1-866-232-5594

NAME		ACCOUNT NUMBER	
COMPANY NAME			
SHIP ADDRESS		BILL ADDRESS	
CITY / STATE			
P.O. NUMBER			
PHONE NUMBER		FAX NUMBER	
SHIP VIA	☐ UPS PREPAID ☐ UPS COLECT ACCOUNT NO _____		
SPECIAL INSTRUCTION			

<u>Q' TY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE (\$)</u>	<u>SUB TOTAL</u>
T O T A L (Freight will be included in Invoice)				\$ _____



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