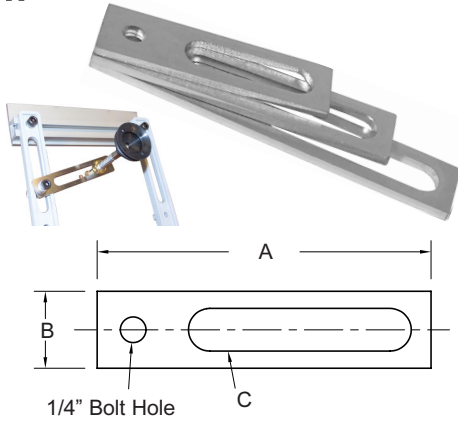


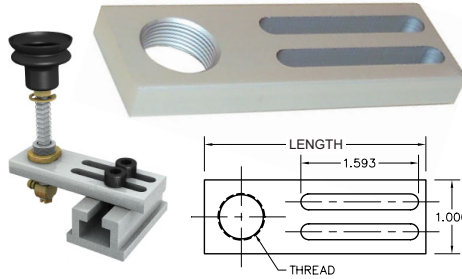


END OF ARM TOOLING PARTS FOR ROBOTIC SPRUE PICKERS



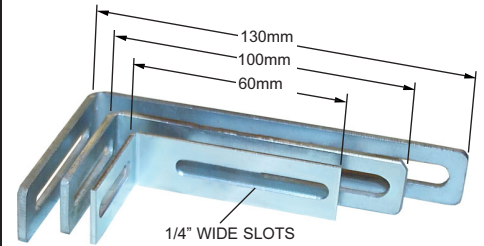
STEM EXTENSIONS

Part No.	A	B	C (fitting size)	PRICE
TOP21111	2-1/2"	3/4"	10mm	\$3.95
TOP21112	3-1/4"	3/4"	10mm	4.95
TOP21113	4"	3/4"	10mm	5.50
TOP21114	2-1/2"	1"	12mm	4.23
TOP21115	3-1/4"	1"	12mm	5.26
TOP21116	4"	1"	12mm	5.86



Slotted Brackets

PART NO.	THREAD	LENGTH	PRICE
TOP21118-10	10mm	3" (76.2mm)	\$9.50
TOP21118-12	12mm		9.50
TOP21118-16	16mm		9.50
TOP21118-20	20mm		9.50
TOP21118-B	Blank		6.90
TOP21119-10	10mm	4" (101.6mm)	\$9.90
TOP21119-12	12mm		9.90
TOP21119-16	16mm		9.90
TOP21119-20	20mm		9.90
TOP21119-B	Blank		7.30
TOP21120-10	10mm	5" (127mm)	\$10.30
TOP21120-12	12mm		10.30
TOP21120-16	16mm		10.30
TOP21120-20	20mm		10.30
TOP21120-B	Blank		7.75



L Brackets

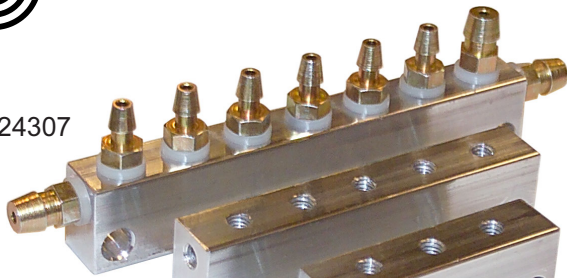
60mm L Bracket	
TOP21100	\$3.09
100mm L Bracket	
TOP21200	\$3.95
130mm L Bracket	
TOP21300	\$9.95



ALUMINUM VACUUM MANIFOLD - EOAT

**A BETTER SOLUTION FOR
QUICK CHANGE END OF ARM TOOLING**

TOP24307



TOP24305

TOP24303

TOP217



TOPM5B4
6mm BARB
(optional)



TOPM5B6
8mm BARB
(optional)



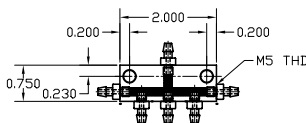
TOP505
WASHER
(optional)



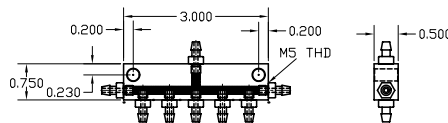
TOPM5PLG
5mm PLUG
(optional)

Made from lightweight aluminum these vacuum manifolds are ideal for end of arm tooling. Instead of using a \$600 Quick changer setup with multiple vacuum connections these manifolds allow you to run a single vacuum line to the End of Arm Tooling frame then branch off to all your suction devices. This allows for a single line to be disconnected to facilitate quick tooling changes without the expense or the weight of a expensive changing chuck.

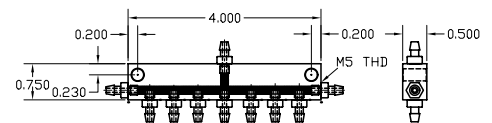
PART NO	DESCRIPTION	WT (g)	PRICE
TOP217	3 OUTLET / 1 INLET MANIFOLD	7g	3.25
TOP24303	5 OUTLET / 1 INLET MANIFOLD	28g	11.15
TOP24305	7 OUTLET / 1 INLET MANIFOLD	44g	12.65
TOP24307	9 OUTLET / 1 INLET MANIFOLD	59g	13.60
TOPM5B4	6mm TUBING BARB (5mm THD)	2.6g	1.91
TOPM5B6	8mm TUBING BARB (5mm THD)	4.2g	3.84
TOP505	PLASTIC WASHER	.09g	.35
TOP31013W	NYLON WASHERS 24 PACK		9.23
TOPM5PLG	STEEL PLUG	1.5g	1.25



TOP24303



TOP24305



TOP24307



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