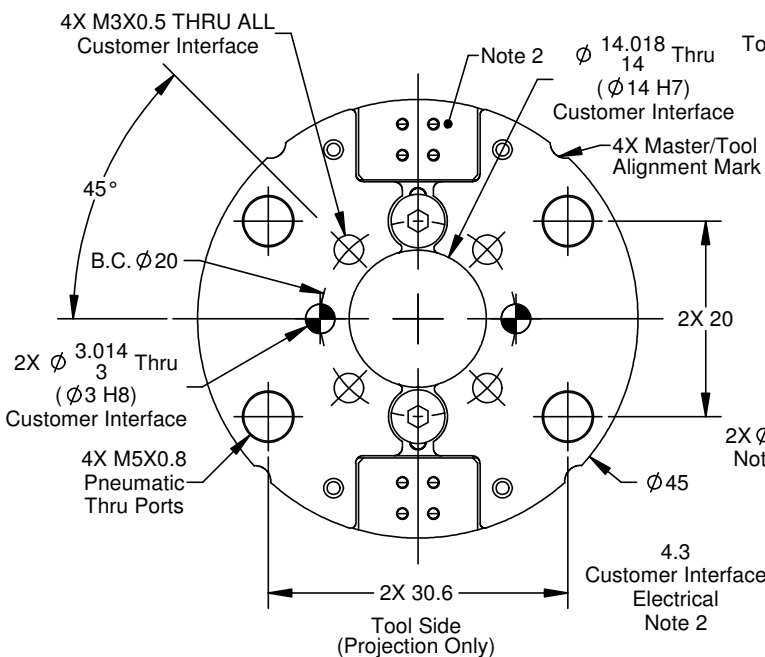
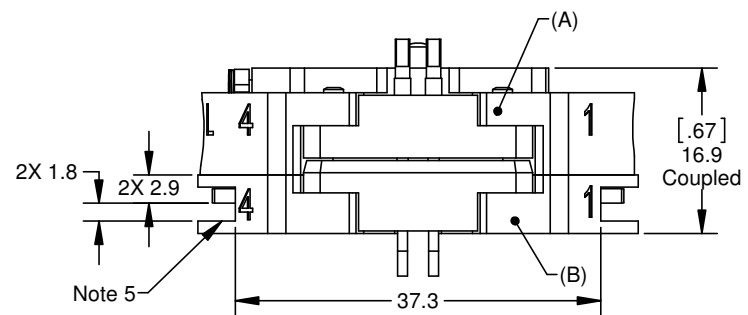
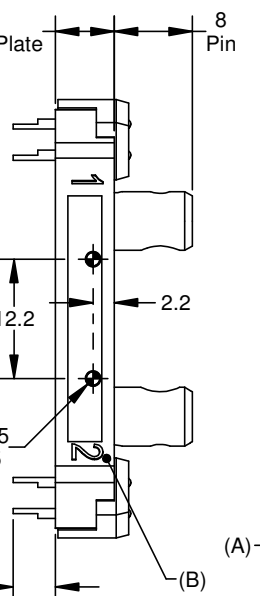




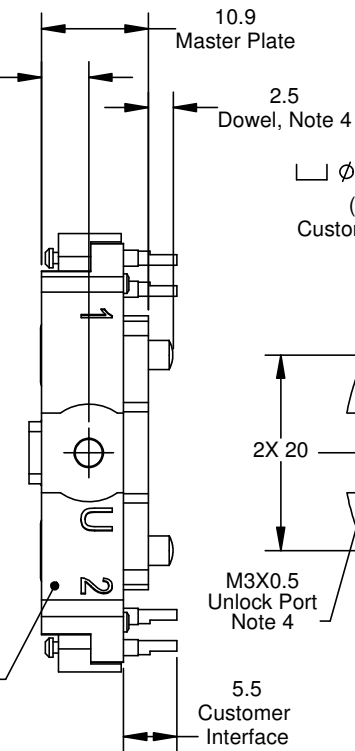
Part Numbers:
(A) Master: 9120-001M-E04-E04
(B) Tool: 9120-001T-E04-E04

Specifications:
Master Weight, no hardware (est.) .03 kg
Tool Weight, no hardware (est.) .02 kg
Payload 1 kg

4.8
Unlock Port
(Lock Port Opposite Side)



Side View
(Uncoupled)



Master Side
(Projection Only)

Rev.	Description	Initiator	Date
01	Initial Drawing	MJG	9/7/2012
02	Correct Note 2 and 3 callouts in drawing area. Update to show entire Part Number. Update with Tool Stand interface.	MJG	10/2/2012

Notes:

- Design is subject to change.
- Electrical pass-through is contained within the Tool Changer body. 8 pins @ 3 Amp / 50 VAC. Electrical connections not shown for clarity. Wires attached will require additional clearance.
- Master Plate includes 2X Ø3mm dowel pins. The dowel pins are integral to the mechanical function of the Master Plate and should not be tampered with or damage will occur.
- Master Plate can be manually set in the Unlock state. Remove fitting and using a Ø2mm rod, push the internal Locking Mechanism until Unlock state is achieved.
- Dowels and groove serve as an interface for an optional Tool Stand.
- Hardware included with Tool Changer. See Sheet 2.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION

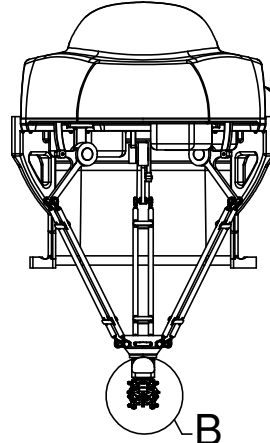
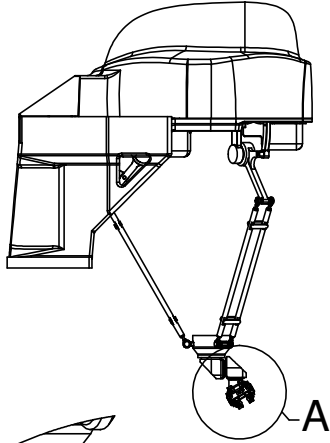


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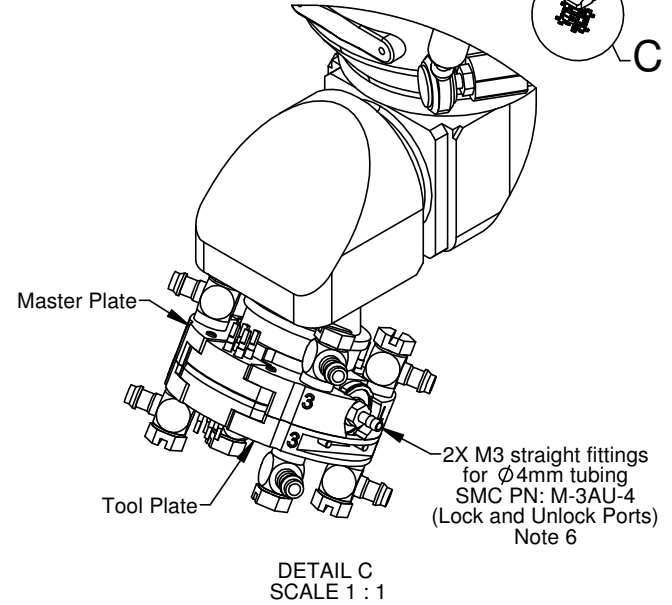
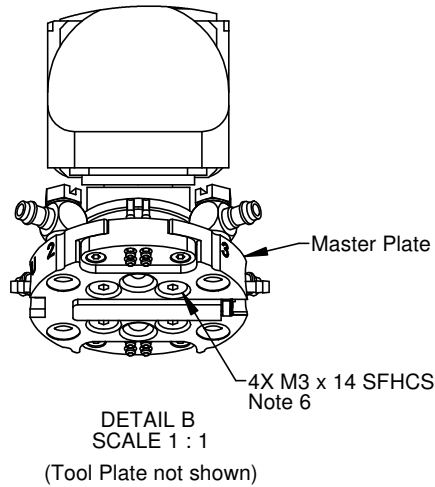
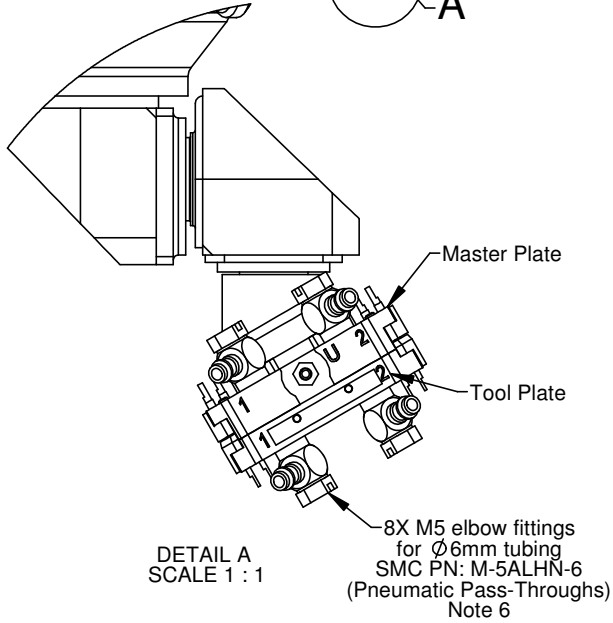
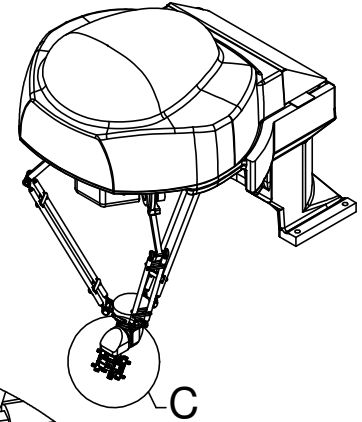
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DRAWN BY: M. Gala, 9/6/2012	TITLE
CHECKED BY: D. Norton, 9/7/2012	QC-001 Customer Drawing
PROJECT # 110614-2 SHEET 1 OF 2	SCALE SIZE DRAWING NUMBER REVISION
2:1 B 9230-20-7559	02

Rev.	Description	Initiator	Date
-	See Sheet1	-	-



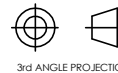
FANUC M-1iA Robot
Not Included



Supplemental Views with Robot

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: M. Gala, 9/6/2012		TITLE QC-001 Customer Drawing			
CHECKED BY: D. Norton, 9/7/2012					
PROJECT # 110614-2 SHEET 2 OF 2		SCALE 1:8	SIZE B	DRAWING NUMBER 9230-20-7559	REVISION 02