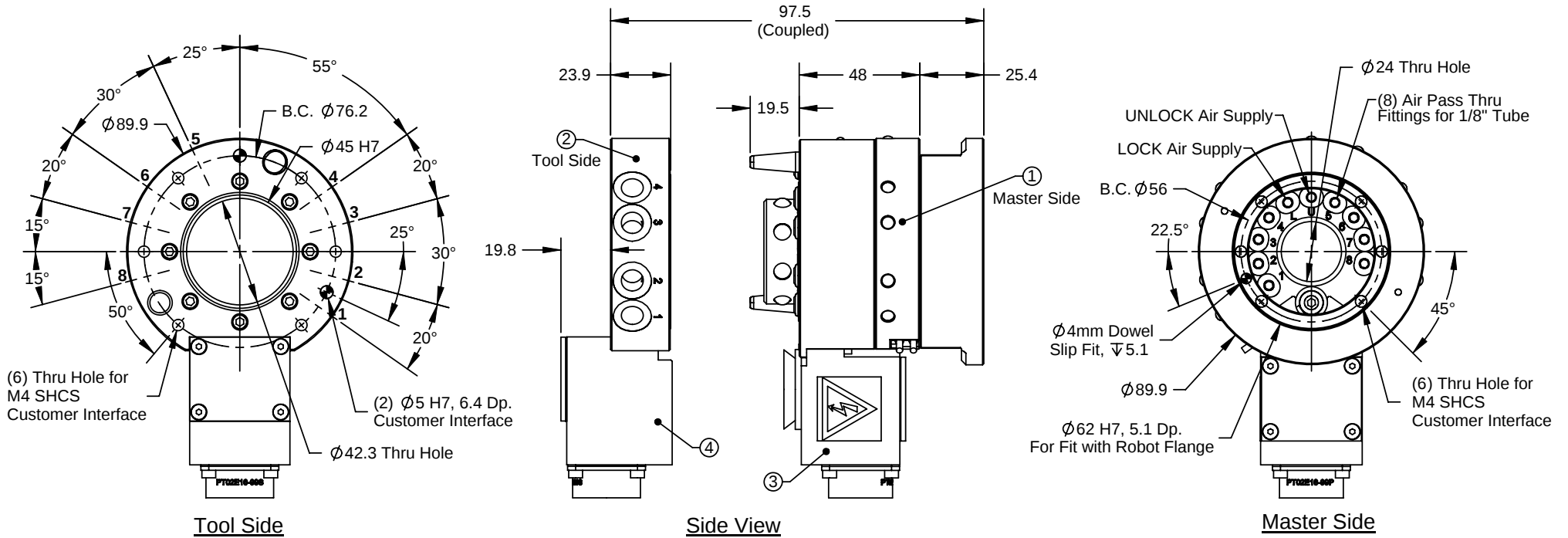
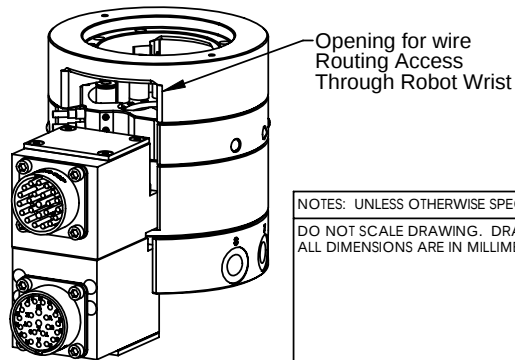


Rev.	Description	Initiator	Date
01	Initial Drawing	MJG	4/26/2010

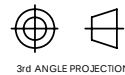


NOTES:

1. Mounting Hardware Included on Master Side.
2. Drawing shows a master side assembly for direct mount to Fanuc M10ia and M20ia Hollow Wrist Robots, other versions available upon request.



NOTES: UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS.
ALL DIMENSIONS ARE IN MILLIMETERS.



ITEM NO.	Default/QTY.	PART NUMBER	DESCRIPTION
1	1	9005-20-1658	QC-27 Master with Utility Body (Demo unit)
2	1	9005-20-1659	QC-27 Tool with Utility Body (Demo unit)
3	1	9120-KM14-M	KM14-M Master Module
4	1	9120-KM14-T	KM14-T Tool Module



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EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Gala, 4/26/10	TITLE: QC-27 M/T with Utility Body (Demo unit) and KM14
CHECKED BY: D. Norton, 4/27/10	SCALE: 1:1.5
WEIGHT LBS: 3.56	SIZE: B
ASSEMBLY REF:	DRAWING NUMBER: 9230-20-3165
	REVISION: 01
	PRODUCT RELEASE # 100310-2 DATE: SHEET 1 OF 2