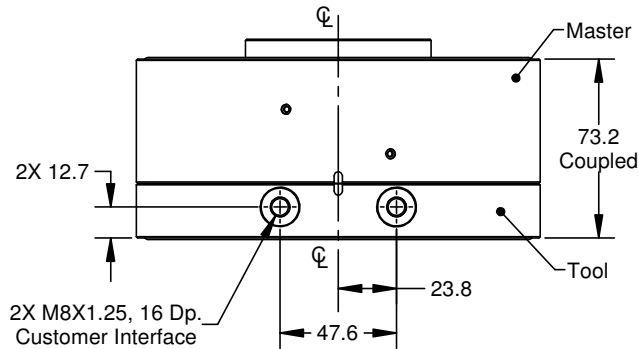
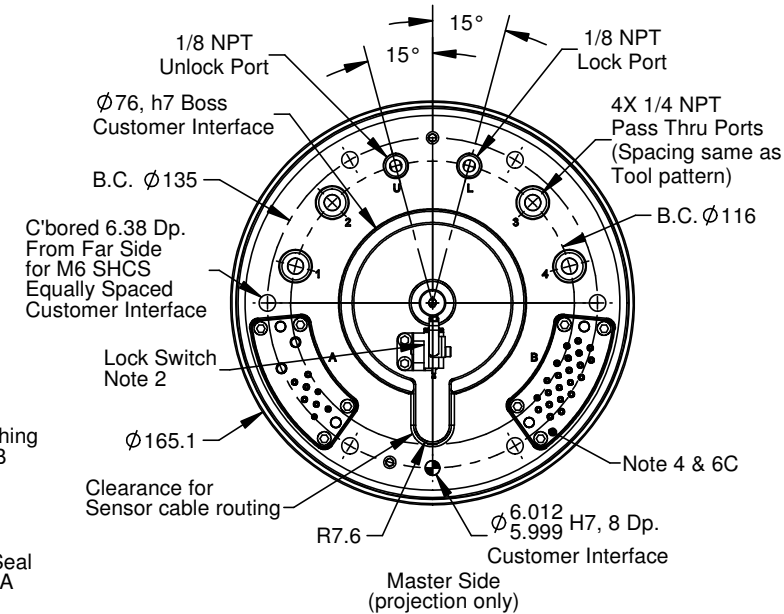
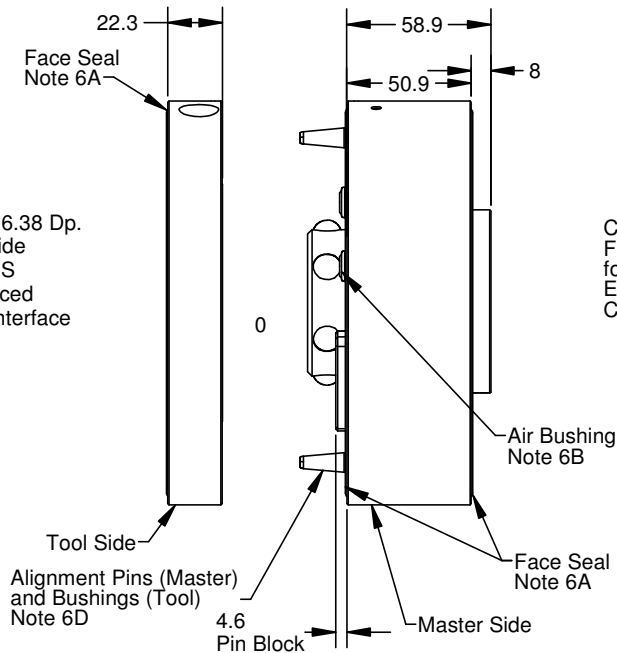
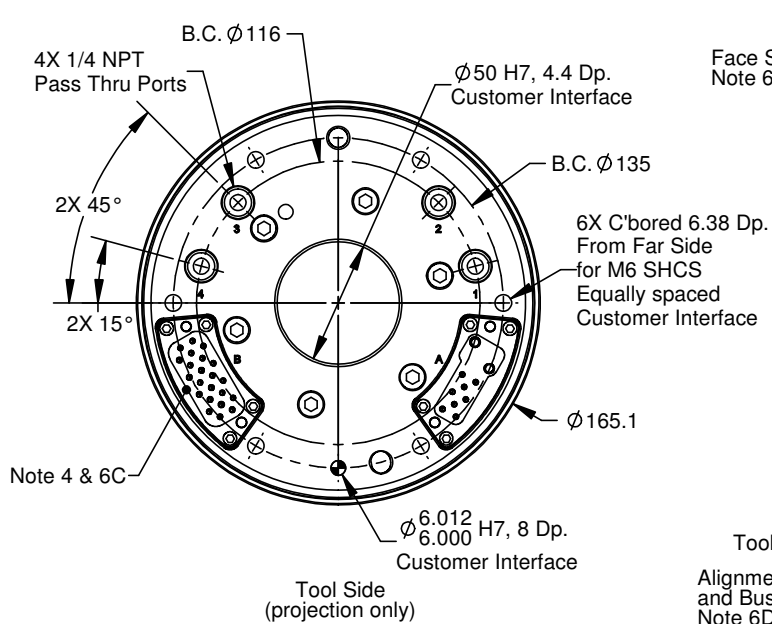


Rev.	Description	Initiator	Date
01	Initial Drawing	MJG	2/9/2012



Part Numbers:
Master: 9120-063MZ1-EQ10-EQ22-S1
Tool: 9120-063TZ1-EQ10-EQ22



Notes:

- QC is designed to operate in a radioactive environment.
- Master uses mechanical switch, Honeywell 1XE1-T, to detect Lock.
- Locking Mechanism is lubricated with Chevron SRI-2 grease.
- Pin Block solder connections will be done by the customer.
- Unit features EPDM face seals at the Master and Tool interface as well as the Master and Tool customer interfaces.
- The QC bodies are 304 Stainless Steel with 440 Stainless Steel locking components. Fasteners are Stainless Steel. Nitrile is used for the internal pneumatic seals in order to be compatible with the above specified grease. The following materials are also used:
 - EPDM
 - Nitrile
 - FR4
 - A2 Tool Steel

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



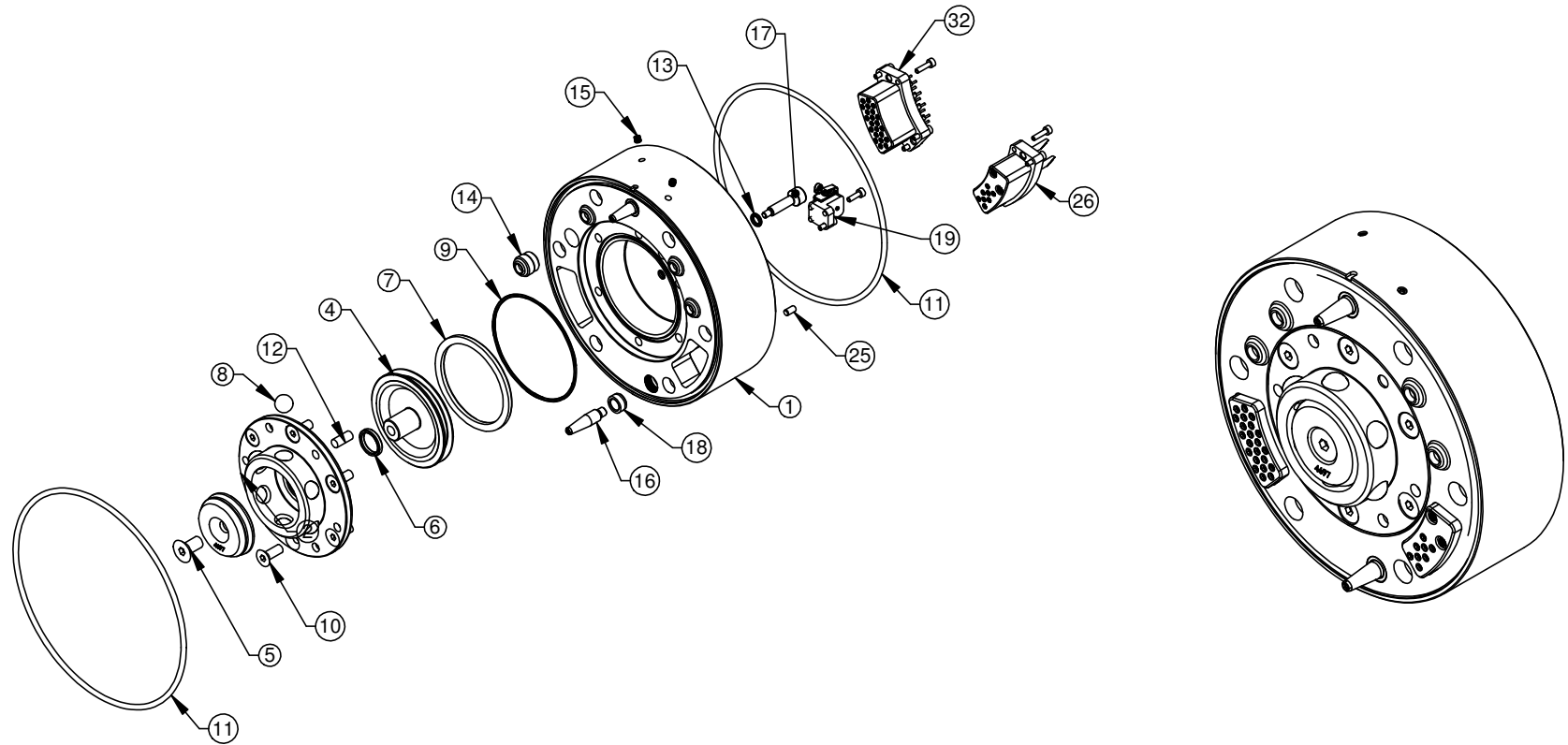
1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 Email: info@ati-ia.com
Fax: +1.919.772.8259 www.ati-ia.com
ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Gala, 2/6/2012		TITLE	
CHECKED BY: D. Norton, 2/8/2012		QC-63Z1 Tool Changer Drawing	
PROJECT # 110712-1	SHEET 1 OF 3	SCALE 1:2	SIZE B
		DRAWING NUMBER 9630-20-063Z1	REVISION 01

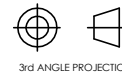
Rev.	Description	Initiator	Date
-	See Sheet1	-	-

QC-63Z1 Master Assembly



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN
MILLIMETERS.



3rd ANGLE PROJECTION



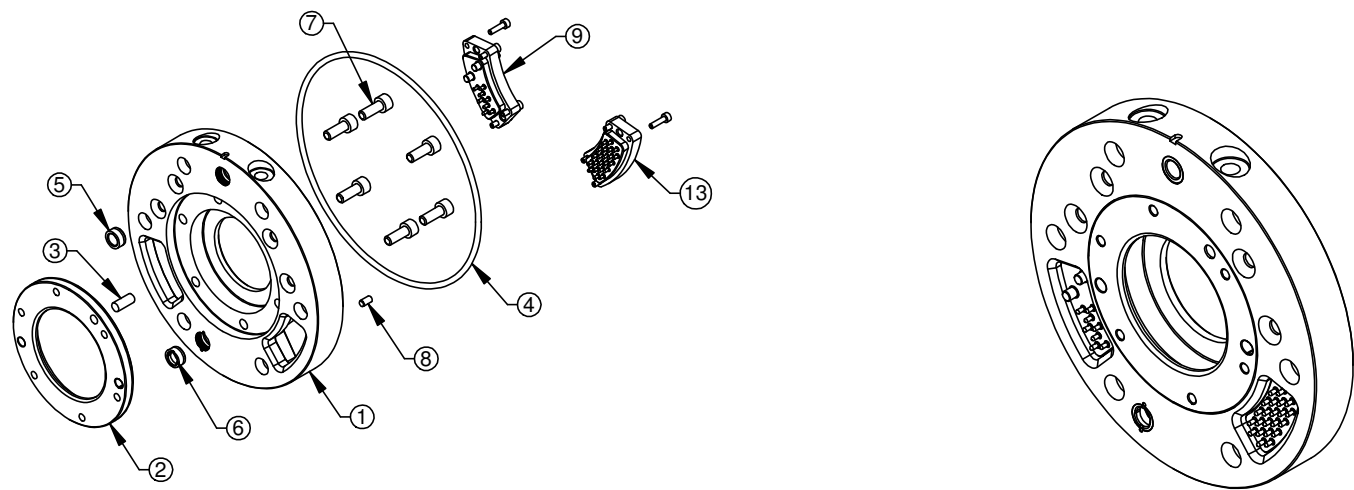
1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 Email: info@ati-ia.com
Fax: +1.919.772.8259 www.ati-ia.com
ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY
MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Gala, 2/6/2012		TITLE	
CHECKED BY: D. Norton, 2/8/2012		QC-63Z1 Tool Changer Drawing	
PROJECT # 110712-1 SHEET 2 OF 3	SCALE 1:3	SIZE B	DRAWING NUMBER 9630-20-063Z1
			REVISION 01

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

QC-63Z1 Tool Assembly



NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.

3rd ANGLE PROJECTION

ATI INDUSTRIAL AUTOMATION

1031 Goodworth Drive, Apex, NC 27539, USA
 Tel: +1.919.772.0115 Email: info@ati-ia.com
 Fax: +1.919.772.8259 www.ati-ia.com
 ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: M. Gala, 2/6/2012		TITLE	
CHECKED BY: D. Norton, 2/8/2012		QC-63Z1 Tool Changer Drawing	
PROJECT #	110712-1	SHEET	3 OF 3
SCALE	1:3	SIZE	B
DRAWING NUMBER		9630-20-063Z1	
REVISION			01