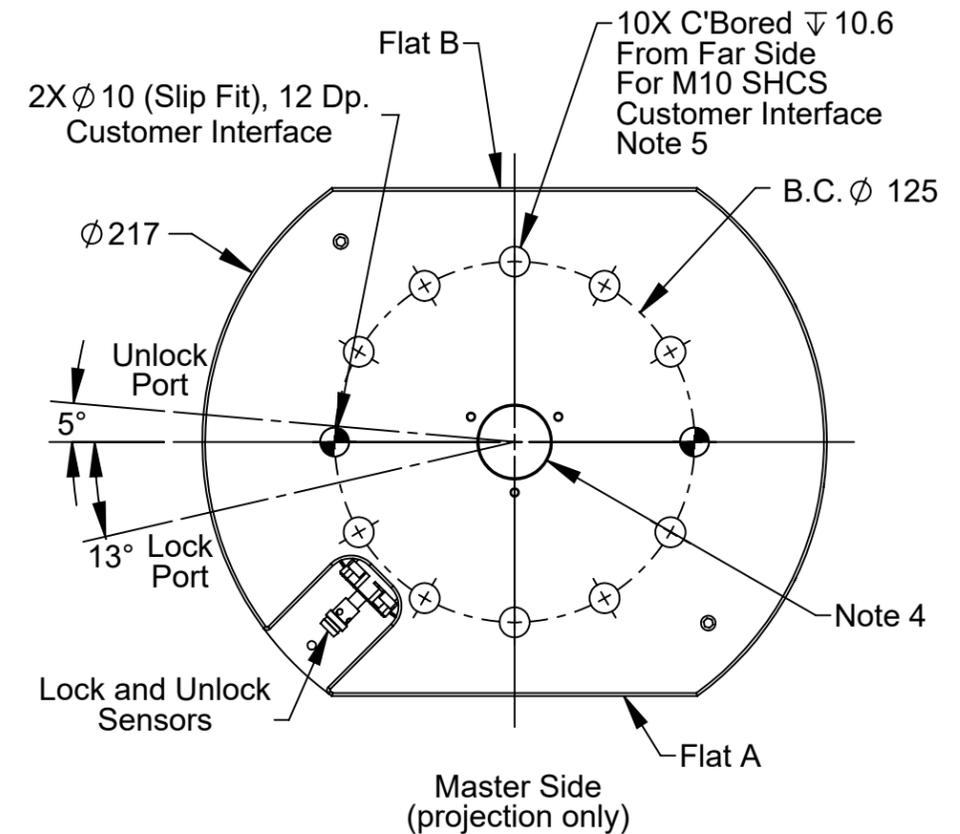
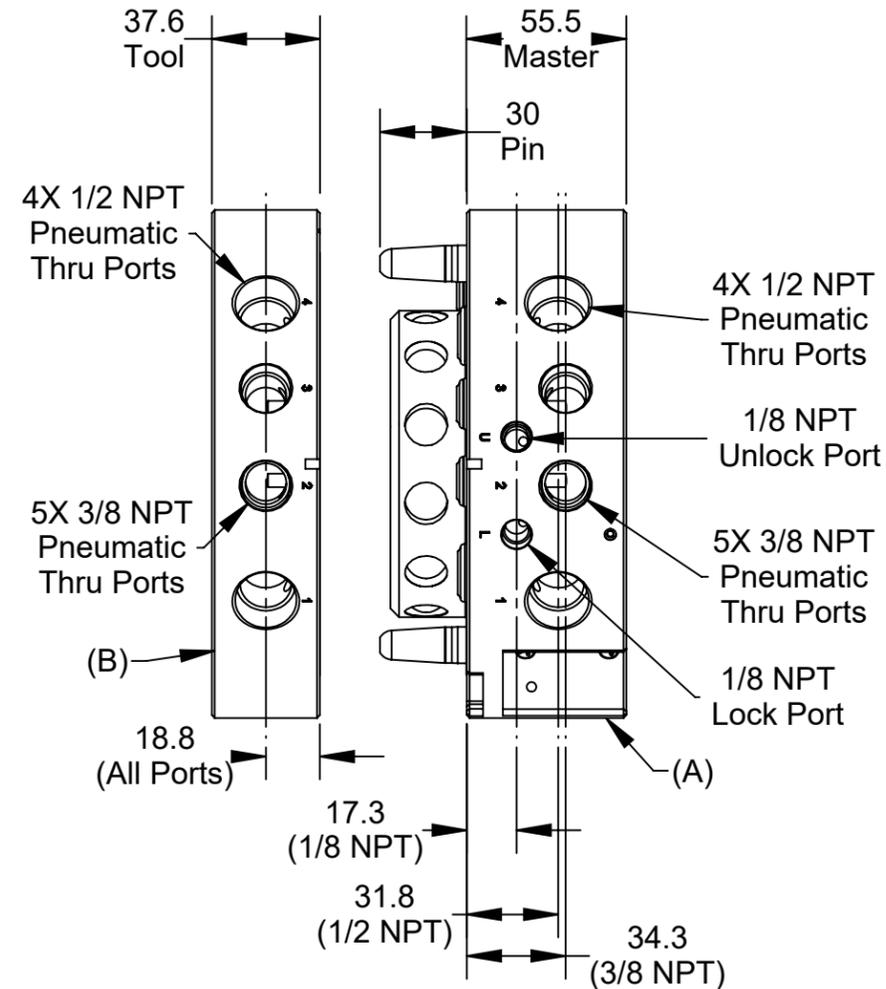
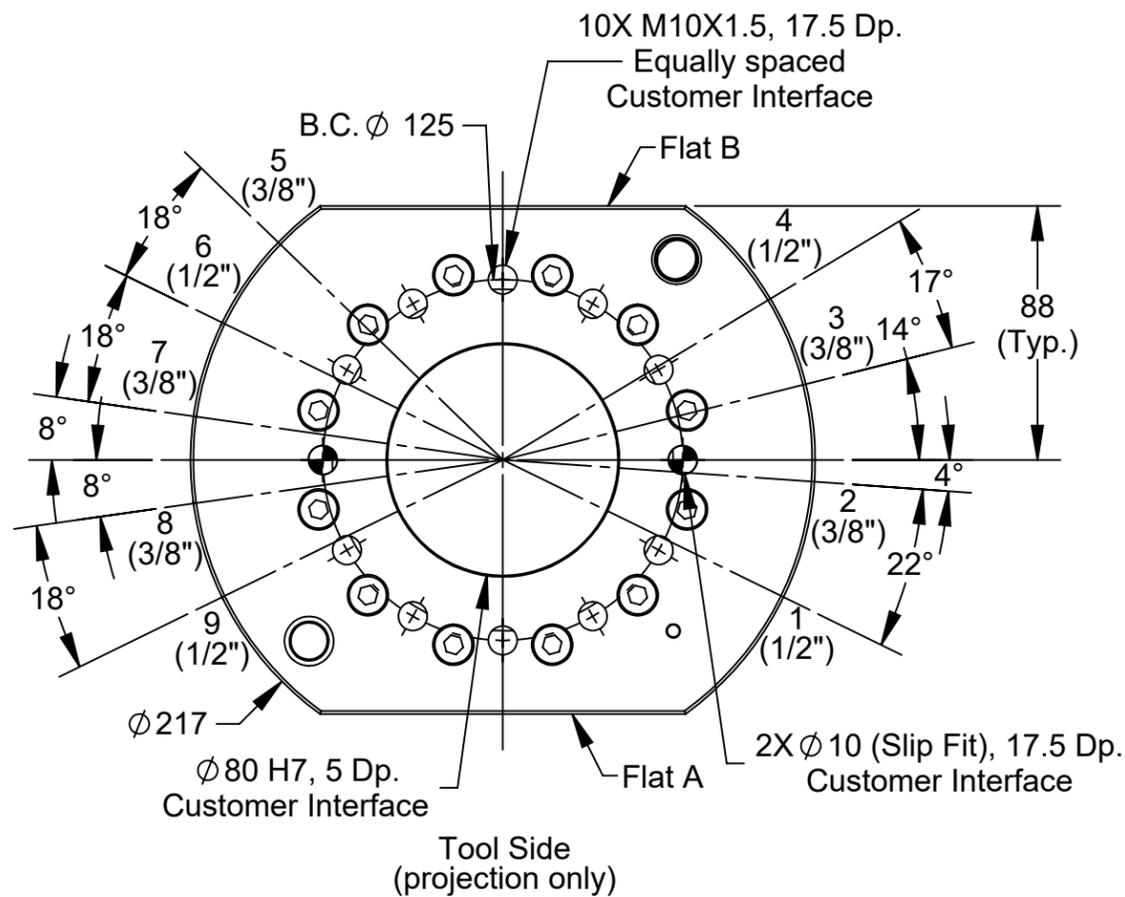
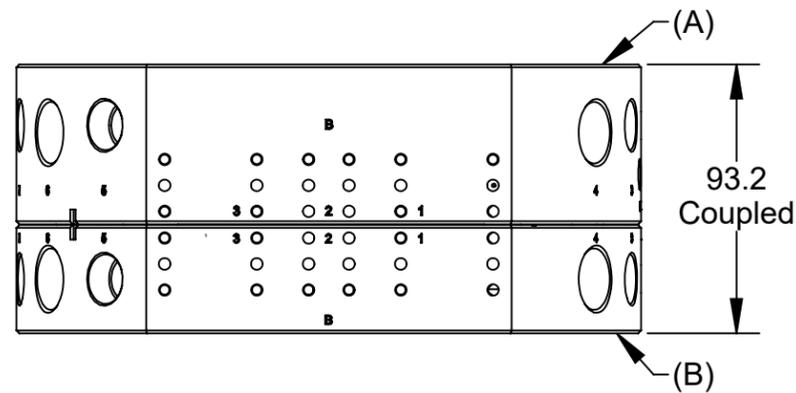


Rev.	Description	Initiator	Date
05	ECO 19232; Added Note 5.	LJH	6/27/2022

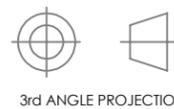


Part Numbers:  
 (A) Master: 9120-160AM-000-000-SM  
 (B) Tool: 9120-160FT-000-000

- Notes:
- Orientation marks are provided to assist in robot teaching.
  - SM on Master part number indicates PNP Lock/Unlock sensors. Lock/Unlock sensing is optional.
  - Ready to Lock sensor is available.
  - Plates available for several boss sizes.
  - QC max static moment rating  $M_{xy}=2710Nm$ , assuming all 10SHCS are used. QC Moment rating  $M_{xy}=1355Nm$ , if 6 fasteners are used on master.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



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DRAWN BY: M. Gala, 4/2/2014

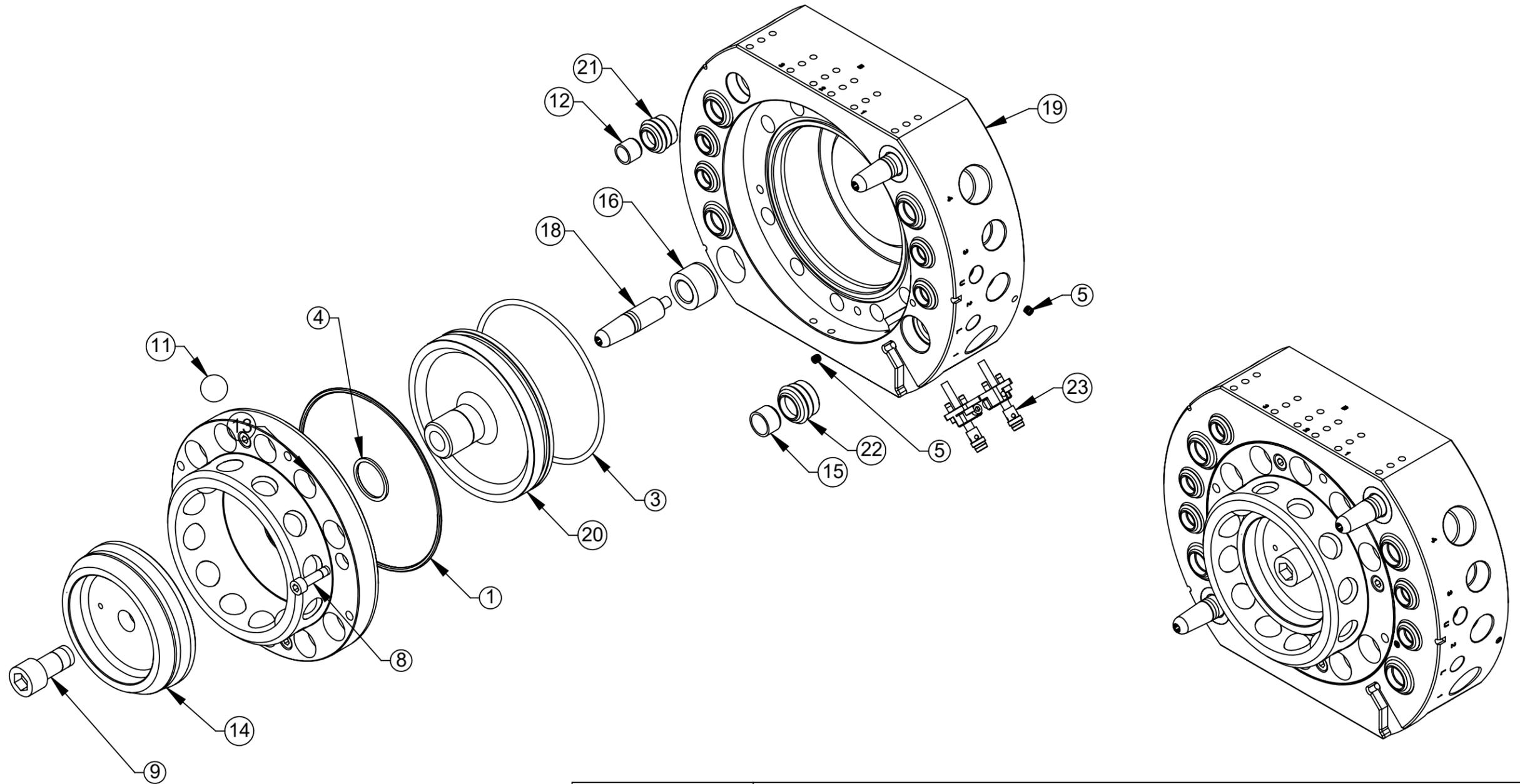
CHECKED BY: D. Norton, 4/4/2014

TITLE  
 QC-160 Tool Changer Drawing

PROJECT # 131125-1 SHEET 1 OF 3

SCALE	SIZE	DRAWING NUMBER	REVISION
2:5	B	9630-20-160	05

# QC-160 Master Assembly



NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION

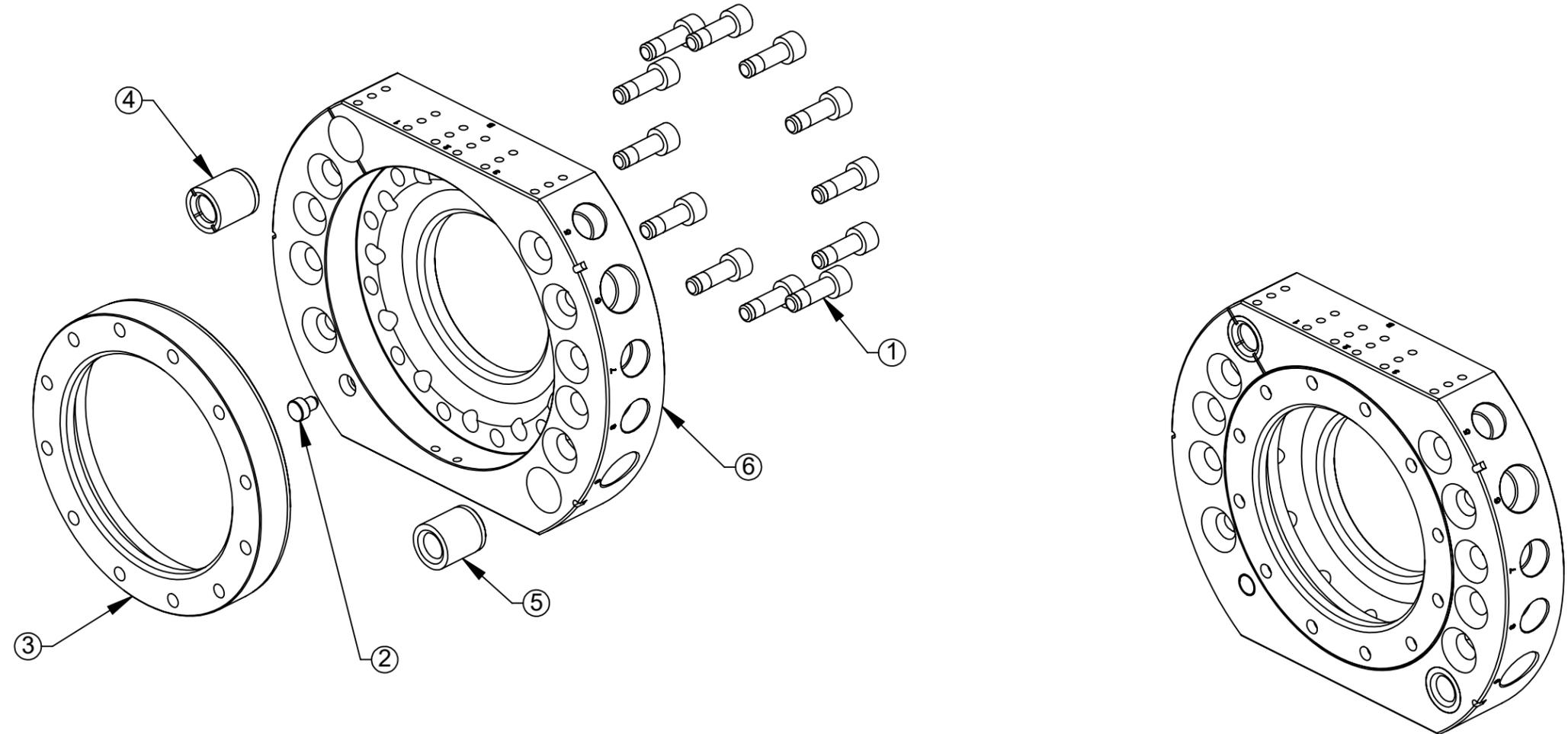


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CHECKED BY: D. Norton, 4/4/2014		QC-160 Tool Changer Drawing		
PROJECT # 131125-1	SHEET 2 OF 3	SCALE	SIZE	DRAWING NUMBER
		2:5	B	9630-20-160
				REVISION
				05

# QC-160 Tool Assembly



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3rd ANGLE PROJECTION



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DRAWN BY: M. Gala, 4/2/2014

CHECKED BY: D. Norton, 4/4/2014

PROJECT # 131125-1 SHEET 3 OF 3

TITLE  
**QC-160 Tool Changer Drawing**

SCALE	SIZE	DRAWING NUMBER	REVISION
2:5	B	9630-20-160	05