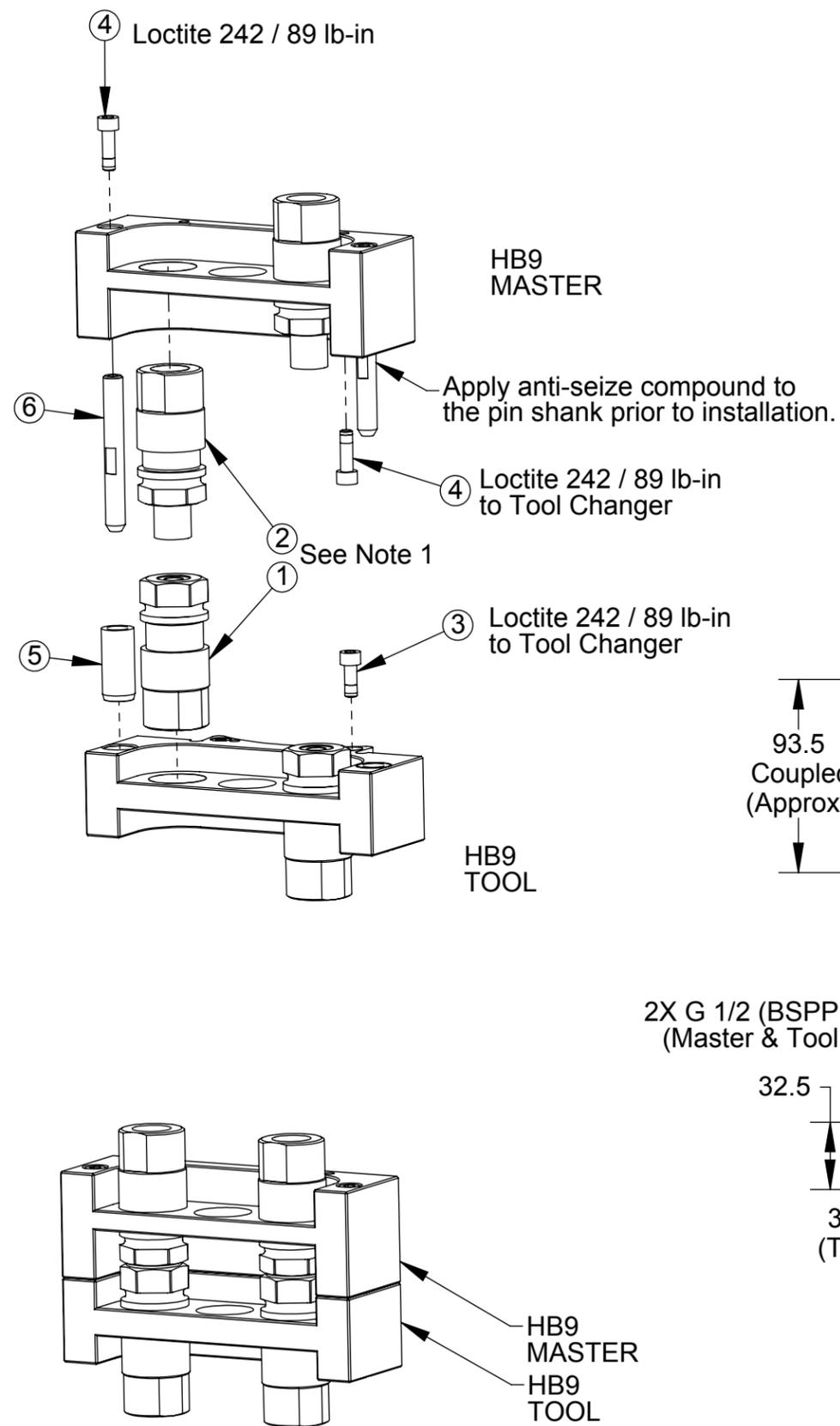
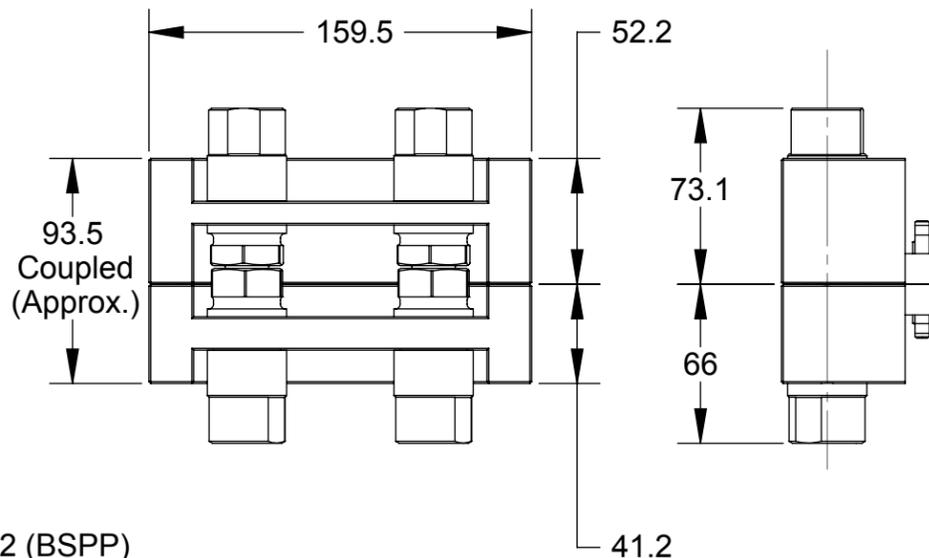


Rev.	Description	Initiator	Date
04	ECO 13405; Removed 9005-20-1198 & 9005-20-1199 Clear assemblies representations from drawing	TBC	5/28/2015



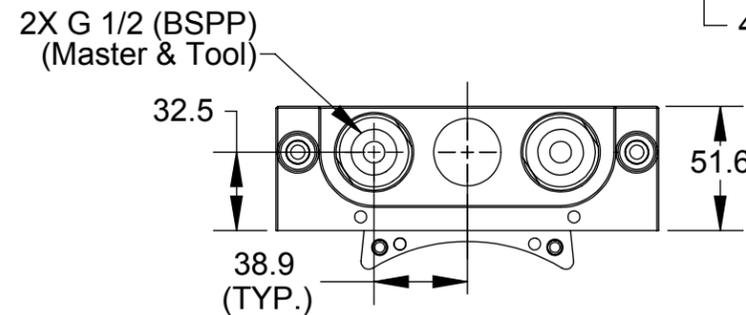
Thread locker Note:

Fasteners on this drawing include both torque and thread locker specifications. Thread locker (Loctite) is only required when re-using existing fasteners. New fasteners from ATI have pre-applied thread locker.



HB9 Module Specifications

Hydraulic Ports, (qty) Size (C _v)	(2) G 1/2 (BSPP) (2.26)
Maximum pressure of 7200 psi (496 bar), Self-sealing on Master and Tool	
Static Separation Force (total spring force for 2 couplers)	74 lb [330 N]
Hydraulic Separation Force (per pressurized line)	G 1/2 (BSPP) force (lb _f) = 0.33 x PSI (N) = 21.4 x bar



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	3405-1210002-01	QD Socket, G1/2, 7200 PSI, Viton Seals
2	2	3405-1210003-01	QD Plug, G1/2, 7200 PSI, Viton Seals
3	2	3500-1066016-15A	M6 x 16mm SHCS Blue Dyed Magni ND Microspheres
4	4	3500-1066020-15A	M6 x 20mm SHCS Blue Dyed Magni ND Microspheres
5	2	3690-6013801-11	25/64" BUSHING - McMaster8491A379
6	2	3700-20-4517	Hydraulic Module Alignment Pin

- NOTES:**
- The couplers separate into front and rear halves for installation. After installation, torque the coupler halves to 51 lb-ft, NO LOCTITE
 - See 9630-20-HYD for circuit plumbing information.
 - See 9630-20-COUPLER for coupler maintenance information.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



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DRAWN BY: D.Lawson-6/7/12		TITLE	
CHECKED BY: D.Wagner-6/8/12		HB9 Hydraulic Module Drawing	
PROJECT #	120601-1	SHEET	1 OF 1
SCALE	1:3	SIZE	B
DRAWING NUMBER	9630-20-HB9	REVISION	04