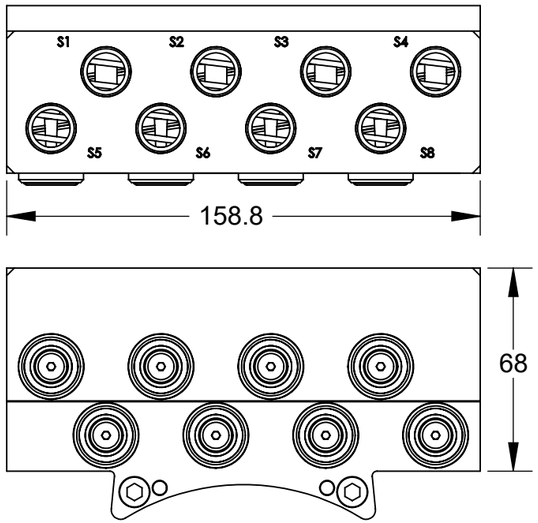
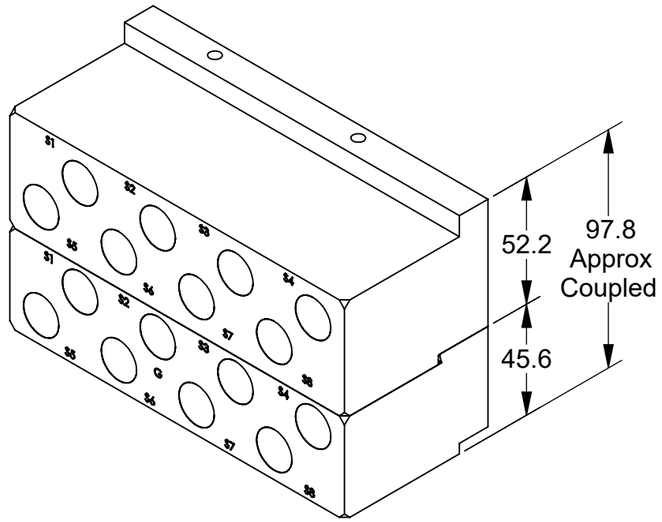
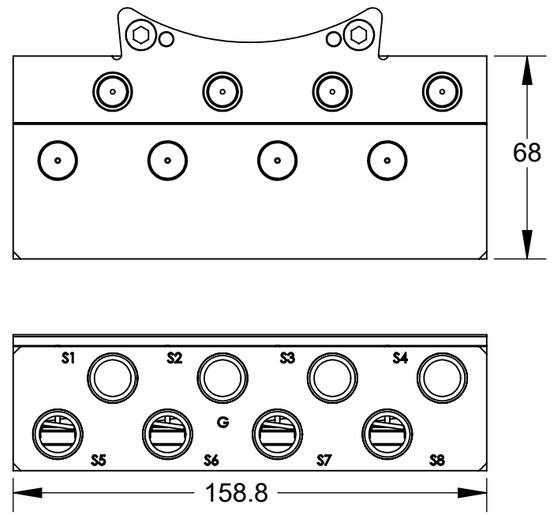
Rev.	Description	Initiator	Date
09	ECO 22132; 3700-20-8065 was 3700-20-2996	LJH	5/9/2025

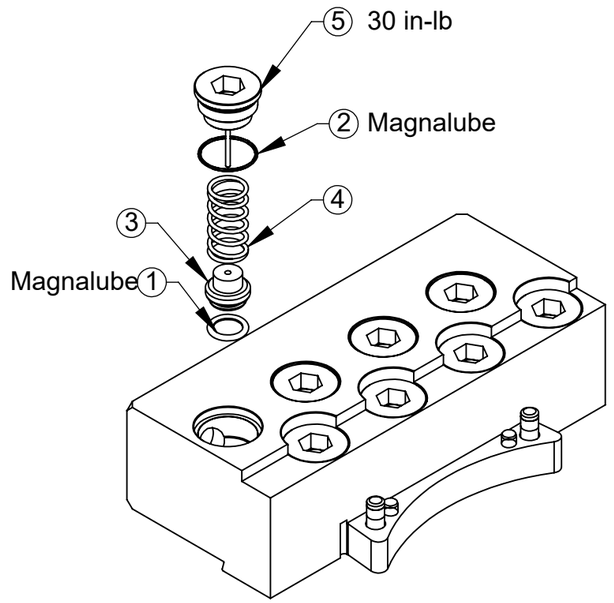
AH2 Master Module
(9121-AH2-M)

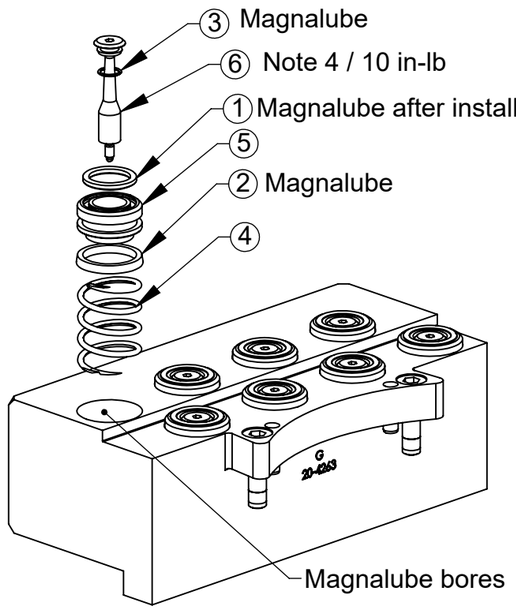




AH2 Tool Module (9121-AH2-T) Shown
AH3 Tool Module (9121-AH3-T)
AH4 Tool Module (9121-AH4-T)







Notes:
Materials of Construction:
1. Housings - Anodized aluminum.
2. Valve Components - Stainless Steel, Nitrile & PVC
3. Quantities shown in bill of materials are for AH2 master and AH4 tool.
4. Replacement stem contains pre-applied thread locker. Use Loctite 7649 primer and Loctite 222 if reassembling with original stem.

Operations:
5. For best results keep air module mating surfaces free and clear of any debris.
6. Checked ports can produce significant forces when under high supply pressures. These forces have to be overcome to achieve tool changer coupling.
7. Checked ports do not support vacuum conditions.
8. AH2-M master module has (8) G 3/8 checked ports.
9. AH2-T tool module has (4) checked and (4) pass thru G 3/8 ports. AH3-T has (8) pass thru G 3/8 ports. AH4-T has (8) checked G 3/8 ports.

Note: Items 1, 2, 3, 4 & 5 can be ordered in a kit. Part Number 9120-F5-T-Kit

AH2-T / AH3-T / AH4-T Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	3410-0001067-01	O-ring, 10mm x 2mm, Buna N, Dur. 90
2	8	3410-0001284-01	O-ring, .669OD x .047 wall, 70D, Buna-N
3	4	3700-20-1457	Tool Fluid/Air Check Valve Piston
4	4	3700-20-1460	SPRING, FLUID/AIR MODULE, TOOL
5	8	9005-20-1515	Fluid/Air Long Plug with Dowel

Note: Service Kit 9120-F1-T-Kit consists of (1) each of items 1, 2, & 4.
Note: Service Kit 9120-F5-T-Kit consists of (1) each of items 1 thru 5.

AH2-M Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	8	3410-0001065-01	O-Ring 14MM X 2MM Buna
2	8	3410-0001068-01	Mini U-Cup Seal 18mm ID x 22mm Buna
3	8	3410-0001183-01	O-Ring 6MM X 2MM Buna D90
4	8	3700-20-1459	SPRING, FLUID/AIR MODULE, MASTER
5	8	3700-20-2994	Master Check Valve Piston
6	8	3700-20-8065	VALVE STEM, HIGH STRENGTH

Note: Service Kit 9120-F2-M-Kit consists of (1) each of items 1 thru 4.
Note: Service Kit 9120-F4-M-Kit consists of (1) each of items 1 thru 6.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.

3rd ANGLE PROJECTION

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DRAWN BY: J.Snape 1/14/05
CHECKED BY: L.Hines 5/9/2025
PROJECT # 040331-1 SHEET 1 OF 1

TITLE: AH2-M, AH2-T / AH3-T / AH4-T Module Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:2	B	9630-20-AH2	09