

Lubricate all seals with clean hydraulic oil prior to assembly.
DO NOT USE SILICONE BASED LUBRICANTS

Repair Kit 60-7050-00	
39-0000-29	
70-5400-21	
39-0200-11	
39-0500-08	
39-0100-33	

No.	QTY	PART No.	DESCRIPTION
11	1	87054070	FITTING, END, PLV
10	1	87054030	STOP, SPRING, PLV
9	1	87054000	BODY, CARTRIDGE, PLV
8	1	70540021	ASSEMBLY, POPPET
7	1	39050008	O-RING
6	1	39020011	WASHER, COPPER, .360 X .500 X .032
5	1	39010033	RING, BU, (-014)
4	1	39000029	O-RING
3	1	30601199	PLUG, SOCH, SAE 10
2	1	23314008	SPRING, COMPRESSION, DIE
1	1	21440004	SHSS, HOLLOW

PARTS LIST



VEKTEK, INC.
 1334 E. SIXTH AVE. P.O. BOX 625
 EMPORIA, KS. 66801 U.S.A.

D	1678	RELEASE	GLR	03/22/07
REV	IN ACCORDANCE WITH ECN	EFFECTIVE DATE	REVISED BY	DATE
DRW BY:	VANDALSEM	DRAWING STATUS: RELEASED		
DATE:	10-30-89	PRODUCTION APPROVED FOR RELEASED STATUS ONLY		

Model Numbers
70-5430-06

ASSY, CARTRIDGE, PLV, 1500-5000 PSI

SIZE A
PL-7006

REV D

SHEET 1 OF 1



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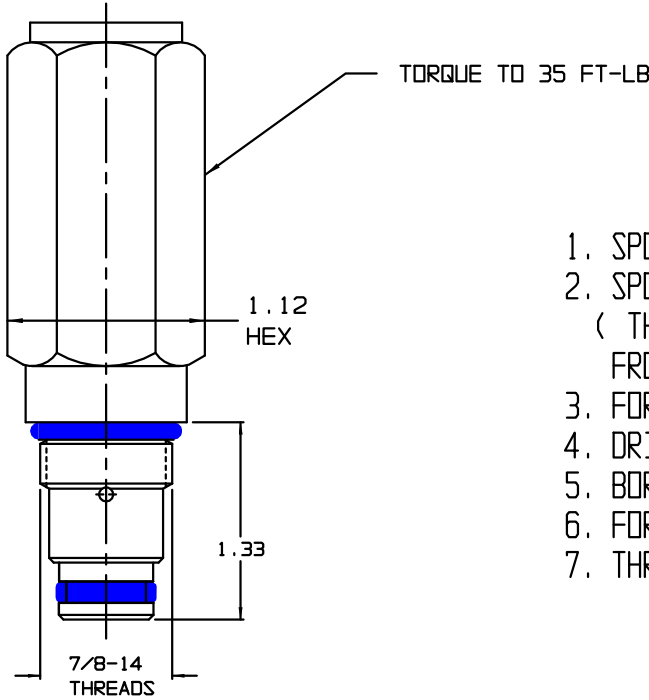
INSTALLATION INSTRUCTIONS

IS7002
 REV. C ECN 2567
 PAGE 1 OF 1

CAVITY DIMENSIONS FOR
 P.L.V. AND P.R.V.

DRAWN/DATE
 JDW
 4-20-05

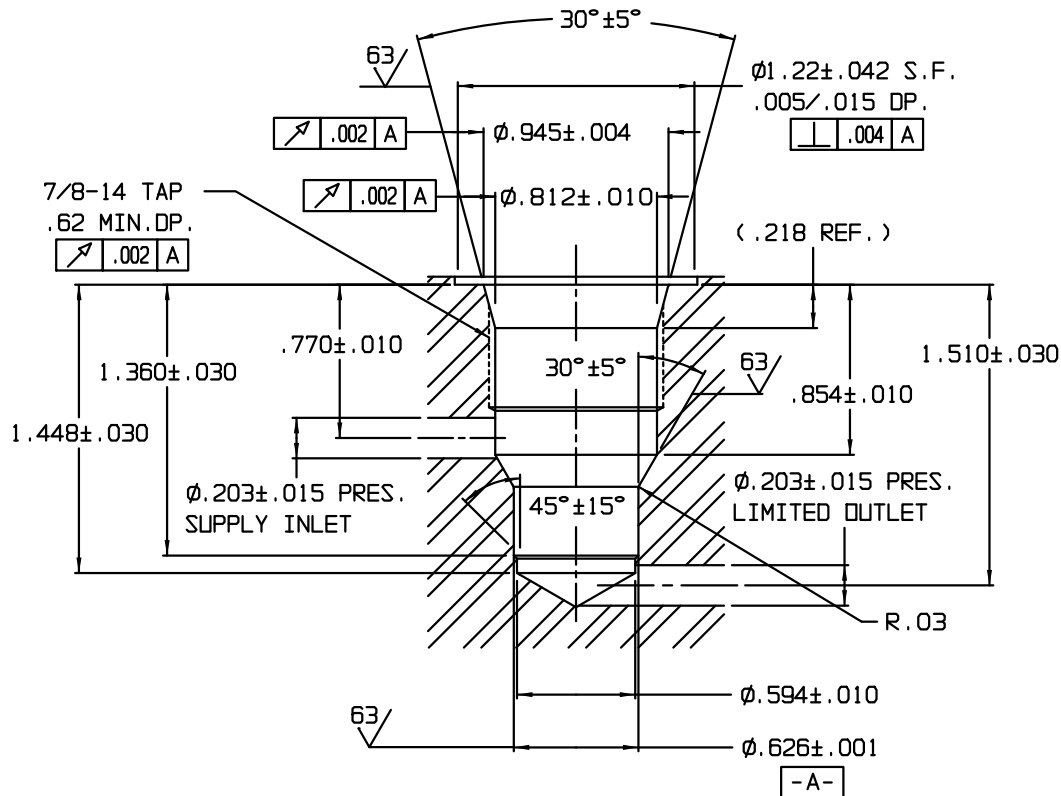
NOTE: THERE IS NO STANDARD PORTING TOOL AVAILABLE FOR THIS CAVITY.



RECOMMENDED TOOLING SEQUENCE

1. SPOT DRILL TO $\phi .460 \pm .030$
2. SPOTFACE $\phi 1.22 \pm .042$ TO $.010 \pm .005$ DEEP.
 (THE FOLLOWING DEPTHS ARE DIMENSIONED FROM THE $\phi 1.22$ SPOTFACE SURFACE)
3. FORM $\phi .812 \pm .010$ TO $.854 \pm .010$ DEEP AND $30^\circ \pm 5^\circ$.
4. DRILL $\phi .594 \pm .010$ TO $1.448 \pm .030$ DEEP.
5. BORE OR REAM $\phi .626 \pm .001$ TO $1.360 \pm .030$ DEEP.
6. FORM $30^\circ \pm 5^\circ$ ANGLE AT $\phi .945 \pm .004$ ($.218$ DEEP REFERENCE).
7. THREAD $7/8-14$ TO $.620$ MINIMUM FULL THREAD DEPTH.

PRESSURE LIMITING VALVE CARTRIDGE
 70-5430-06; 70-5430-07; 70-5430-08



PRESSURE LIMITING AND PRESSURE REDUCING VALVE CARTRIDGE
 CAVITY DIMENSIONS FOR MACHINING WITHOUT PORT TOOL