

REV.	DATE	DESCRIPTION	ECO	BY	C'K'D.
B	01/22/08	UPDATE NOTE 7 AND 'H' DIM PER M/U.	13584	RB	PL

CATALOG NO. SKIVE, TIN PLATE SHORT BARREL	FIG NO.	B ±.020	C C TOL.	H ±.060	K ±.010	L	N ±.025	P ±.030	R	T REF.	Z MIN.	CHAM. DIA. ±.015	CONDUCTOR SIZE (LETTERING INFO.)
YAV6CL-TC10-FX	1	.500	.480	—	.210	1.301	.250	.725	—	.079	.265	.255	#6 (61/24)
YAV6CL-TC10-FX-45	2	↑	↑	.779	.210	1.264	.250	↑	.040	↑	.265	↑	↑
YAV6CL-TC10-FX-90	3			.898	.210	.757	.250		.040		.265		
YAV6CL-TC14-FX	1			—	.272	1.425	.312		—		.328		
YAV6CL-TC14-FX-45	2		↓	.779	.272	1.388	.312		.040	↓	.328		
YAV6CL-TC14-FX-90	3		.480	.898	.272	.881	.312		.040	.079	.328		
YAV6CL-TC516-FX	1		.515	—	.331	1.488	.344		—	.073	.359		
YAV6CL-TC516-FX-45	2		.515	.776	.331	1.438	.344		.037	.073	.359		
YAV6CL-TC516-FX-90	3		.515	.886	.331	.941	.344		.037	.073	.359		
YAV6CL-TC38-FX	1		.583	—	.406	1.613	.406		—	.064	.422		
YAV6CL-TC38-FX-45	2		.583	.772	.406	1.542	.406		.032	.064	.422		
YAV6CL-TC38-FX-90	3		.583	.868	.406	1.061	.406		.032	.064	.422		
YAV6CL-TC12-FX	1		.748	—	.525	1.863	.531		—	.120	.547		
YAV6CL-TC12-FX-45	2		.748	.797	.525	1.919	.531	↓	.060	.120	.547		
YAV6CL-TC12-FX-90	3		.748	.980	.525	1.339	.531	.725	.060	.120	.547		
YAV6CL-TC34-FX	1		1.035	—	.812	2.662	.750		—	.094	.974		
YAV6CL-TC34-FX-45	2		1.035	.826	.812	2.459	.750	.883 MAX.	.047	.094	.766		
YAV6CL-TC34-FX-90	3	.500	1.035	1.011	.812	1.864	.750		.047	.094	.766	.255	#6 (61/24)

CATALOG NUMBER	
NO SKIVE LEAD PATEL SHORT BARREL	 
YAG6CL-TC10-LD	
YAG6CL-TC10-LD-45	
YAG6CL-TC10-LD-90	
YAG6CL-TC14-LD	
YAG6CL-TC14-LD-45	
YAG6CL-TC14-LD-90	
YAG6CL-TC516-LD	
YAG6CL-TC516-LD-45	
YAG6CL-TC516-LD-90	
YAG6CL-TC38-LD	
YAG6CL-TC38-LD-45	
YAG6CL-TC38-LD-90	
YAG6CL-TC12-LD	
YAG6CL-TC12-LD-45	
YAG6CL-TC12-LD-90	

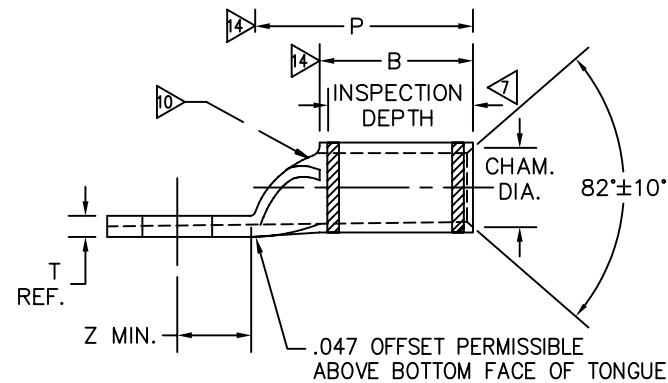
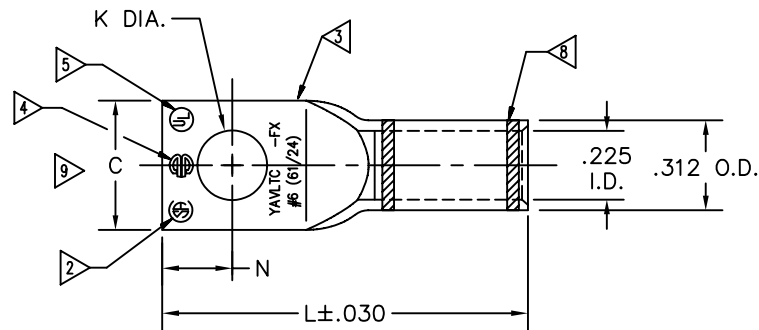


FIG. 1

NOTES:

1. BREAK ALL SHARP EDGES UNLESS OTHERWISE SPECIFIED.
2. 'CSA' SYMBOL PER INTERNAL SPECIFICATION L4591. (OMIT FROM "U" PARTS)
3. ALL LETTERING TO BE METAL STAMPED. USE REDUCED CATALOG NUMBERS YAVL-TC-FX OR YAGL-TC-LD TO BE CONSISTENT WITH FULL CATALOG NUMBERS SHOWN IN THE ABOVE TABLE. MAY USE YAVL-FX OR YAGL-LD/FX WHEN SPACE LIMITATIONS PRECLUDE USING THE "TC".
4. BRAND NAME PER INTERNAL SPEC. L4116, TYPE 3A.
5. 'UL' SYMBOL PER INTERNAL SPECIFICATION L4219. (OMIT FROM "U" PARTS)
6. FINISH HARDNESS : RF 50 MAX. APPLIES TO BARREL ONLY.
TONGUE HARDNESS IS RESULTANT.
7. ACCEPTABLE LIMITS OF INSIDE AND OUTSIDE DIAMETER OVALIZATION PER SPECIFICATION D4131. INSPECTION DEPTH OF BARREL I.D. TO BE .470 (INSPECTION PIN DIA. = .218).
8. COLOR CODE INK STAMPING PER FD206275.
9. MAXIMUM ACCEPTABLE TONGUE WIDTH ACROSS THE "K" HOLE OR AT THE END OF TONGUE EQUALS MAXIMUM SPECIFIED "C" DIMENSIONS + .020
10. SEE CATALOG NUMBER ON TABLE FOR CONNECTORS WITH SKIVE OR NO SKIVE (CLOSED).

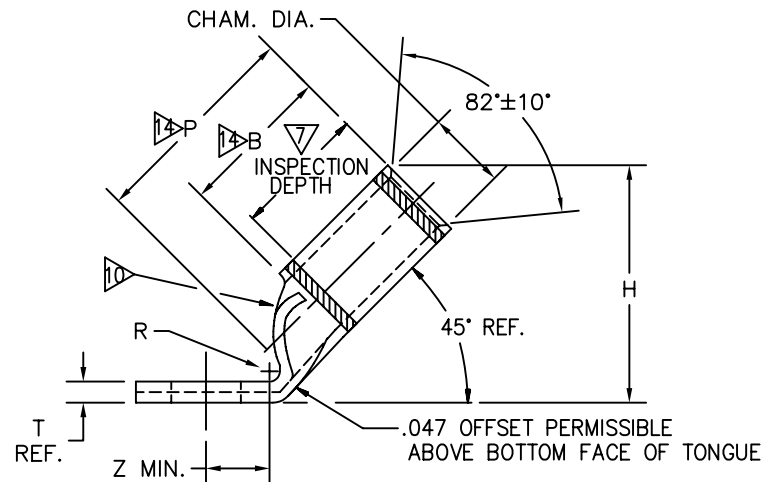
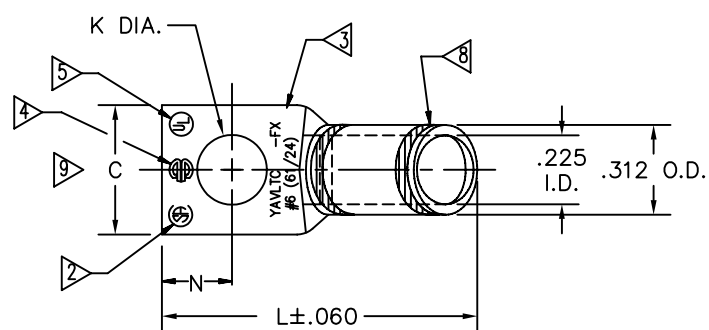


FIG. 2

- 1 SKIVE DETAIL PER INTERNAL SPEC. D209 LINE NUMBER 6.
- 2 ELECTRO TIN PER INTERNAL SPEC F4383, TYPE T3.
- 3 LEAD PLATE PER SPEC. P2035, TYPE LD.
- 4 THIS DIMENSION IS MEASURED AT THE TOP OF THE BARREL.
- 5 YAV6CL-TC12-FX SERIES MADE FROM C25 TUBING (.513 X .393).

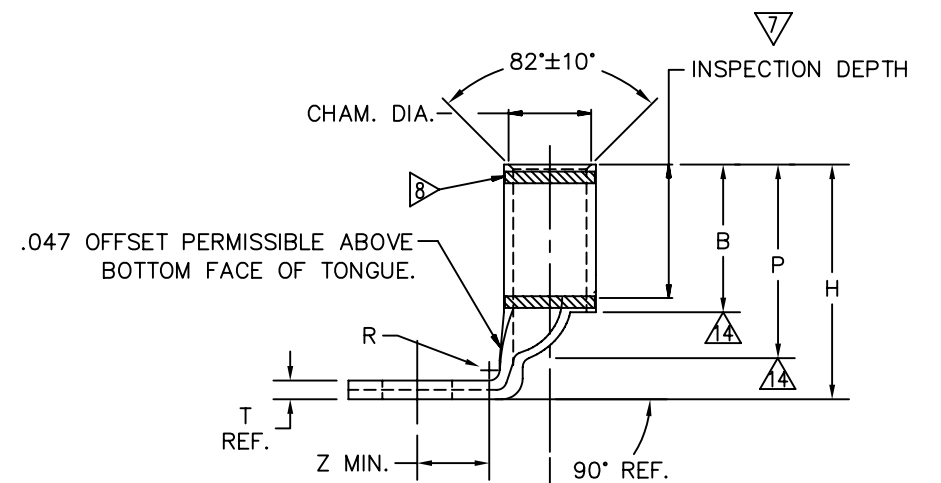
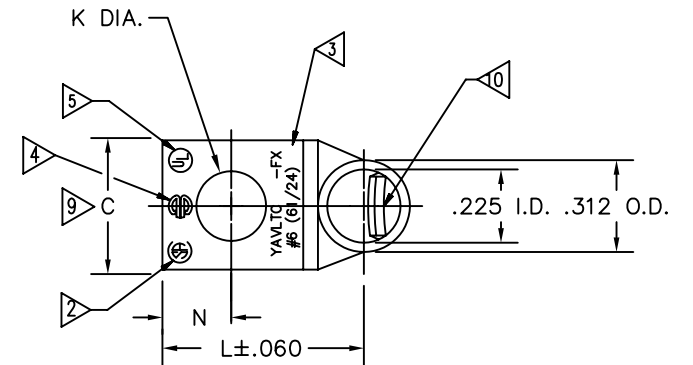


FIG. 3

- 16 FOR "U" (UNDRILLED) PARTS, USE
D MIN = N MAX + Z MIN.
- 17 "C" DIMENSION MUST BE HELD FOR 1.186 MIN. DISTANCE
- 18 YAV6CLTC34FX SERIES MADE FROM C26
TUBING (.563 X .443).
- 19 YAG-L-FX CAT. NUMBERS: SAME AS YAG-L-LD NUMBERS ABOVE,
EXCEPT TIN PLATED PER NOTE 12.
- 20 FOR ADDITIONAL FINISHING VARIATIONS, REFER TO DD39869.

GENERAL NOTES: 1. ALTHOUGH THIS DRAWING MAY ORIGINALLY HAVE BEEN DEVELOPED TO SCALE, THE USE OF ELECTRONIC DESIGN AND REPRODUCTION TECHNIQUES MAY RESULT IN THIS COPY NOT BEING TO SCALE. THEREFORE, DO NOT SCALE THIS PRINT. 2. THE DIMENSIONS, TOLERANCES AND SPECIFICATIONS OF THIS DESIGN ARE GIVEN TO PROVIDE A DEFINITION OF THE FUNCTIONAL REQUIREMENTS FOR THIS COMPONENT OR PRODUCT. ANY PART NOT MEETING THESE REQUIREMENTS SHALL BE CONSIDERED AS SCRAP. THIS DRAWING AND/OR SPECIFICATION IS THE PROPERTY OF FCI USA, INC., MANCHESTER NH 03109 USA. IT IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, OR COPIED, OR DISCLOSED TO OTHERS, OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT THE PERMISSION OF THE OWNER.		LINEAR MEASURE: $\left[\begin{smallmatrix} \text{IN} \\ \text{mm} \end{smallmatrix} \right]$ IN $\left[\begin{smallmatrix} \text{mm} \\ \text{IN} \end{smallmatrix} \right]$		— MATERIAL —		HYLUG™ #6 (61/24)	
		THIRD ANGLE PROJECTION		COMP.	COPPER TUBING PER INTERNAL SPEC. M4100	ITEM NO: N/A	
		— TOLERANCES — (UNLESS OTHERWISE SPECIFIED)		INIT HARD:	INTERNAL SPEC. M4100	CAT NO: (TABLE)	
				FINAL HARD:	SEE NOTE $\triangleleft 6$	SCALE: NTS DRAWN BY: DAN 4/16/90 CHECKER: N.FERRARO 6/27/90 DSN APPLV: K.WOO 5/17/90 MFG APPLV: A.BECK 6/17/90 QC APPLV: F.R.R. 6/17/90 MKT APPLV: N/A -- PROD FAM: -- PROJECT #: --	
FINISH:		SEE TABLE $\triangleleft 2 \triangleleft 3 \triangleleft 0$		SIZE, FORM & TOL.		FCI BURNDY PRODUCTS	
NO. OF DECIMAL PLACES		mm	IN	TUBING (DC10581)		DRAWING NO	
ONE PLACE	± 0.5			CAT.# V6C $\triangleleft 15$		FE206020	
TWO PLACE	± 0.13	± 0.02		--		REV	
THREE PLACE		$\pm .005$		--		B	
ANGLES $\pm 0^{\circ}30'$				SIZE		SHEET 3 of 18	
				PROJECT #: --		D	
				DOCUMENT TYPE: Production			
				RFI LEVEL: AutoCAD			