PART NUMBER	REV	FIRST USED	MACHINE REFERENCE	FEED TYPE
566398-1	G	356462-2	G-SPLICE TERM	AIR FEED
566398-2	G	2161300-1	5K CE THRU SPLICE	AIR FEED
7-566398-7	F	356462-2	SPARE PARTS KIT	-

DWG NO 566398

DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)
THIS DRAWING IS A CONTROLLED DOCUMENT.

TERMINAL NAME: AMPLIVAR ™ THRU SPLICE 4 6 9

			REF PAD LTR	CRIMPING DATA 4 6 9 CRIMP HEIGHT	WIRE COMBINATION
		41765	7	.079 ±.002 [2.0 ±0.05mm]	4000-5000 CMA
		41899	6	.074 ±.002 [1.88 ±0.05mm]	3000-4000 CMA
		42119	6	.069 ±.002 [1.75 ±0.05mm]	2000-3000 CMA
		140778	5	.064 ±.002 [1.63 ±0.05mm]	1500-2000 CMA
		140837	CRIMP	SIZE / TYPE	RANGE
			WIRE	.110 [2.79mm] / F	1500-5000 CMA
			INSUL	- / -	-

WIRE STRIP LENGTH	TERM APPL SPEC	FEED	APPL INSTRUCTION	SET UP GAGE	LAYOUT
.279-.341	114-2009	.315	408-8318(-1) 408-127000(-2)	-	-

TERMINAL NAME: AMPLIVAR ™ THRU SPLICE 4 6 9

			REF PAD LTR	CRIMPING DATA 4 6 9 CRIMP HEIGHT	WIRE COMBINATION
		42076	5	.064 ±.002 [1.63 ±0.05mm]	2600-3000 CMA
		42192	5	.061 ±.002 [1.55 ±0.05mm]	1800-2600 CMA
		140723	5	.057 ±.002 [1.45 ±0.05mm]	1000-1800 CMA
		140780	5	.053 ±.002 [1.35 ±0.05mm]	600-1000 CMA
		170152	CRIMP	SIZE / TYPE	RANGE
		1217384	WIRE	.110 [2.79mm] / F	600-3000 CMA
			INSUL	- / -	-

WIRE STRIP LENGTH	TERM APPL SPEC	FEED	APPL INSTRUCTION	SET UP GAGE	LAYOUT
.279-.341	114-2009	.270	408-8318(-1) 408-127000(-2)	-	-

1 RECOMMENDED SPARE PARTS.

2 GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.

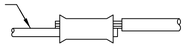
3 SEE DRAWING FOR COMPONENTS.

4 RECOMMENDED SET UP WIRE FOR TERMINAL 41899. FOR APPLICATOR QUALIFICATION ONLY.

WIRE COMBINATION DATA		
REF PAD LTR	REF CRIMP HEIGHT	MAG WIRE / STRANDED WIRE
7	.079	(1)17 & (1)16
5	.064	(1)21 & (1)20

5 USE MANUAL PRECISION ADJUSTMENT LEVER ON G TERMINATOR TO ACHIEVE PROPER CRIMP HEIGHT.

6 SOLID WIRE ON BOTTOM



7 ITEM NOT SHOWN.

8 ITEM 81 IS ATTACHED TO THE G TERMINATOR GUARD DOOR WITH ITEM 80.

9 CRIMPER BOLT MUST BE LOOSENED TO CHANGE CRIMP HEIGHT ADJUSTING WHEEL. BE SURE TO SEAT THE CRIMPER AGAINST THE ADJUSTING WHEEL AND REALIGN THE TOOLING.

USED ON –

QTY REQD PER ASSY				PARTS LIST		ITEM NO
-77	-2	-1	U/M	PART NO	DESCRIPTION	
–	1	1	–	217238-1	GENERAL INSTRUCTION PACKAGE	117
–	1	–	–	408-127000	THRU SPLICE IS SHEET	116
–	–	1	–	408-8318	THRU SPLICE IS SHEET	115
–	1	1	–	1424328-1	SQUARE HD SCR	113
–	1	1	–	21024-8	WASHER, LOCK (3/8)	112
–	2	2	–	21024-3	WASHER,LOCK(NO.6)STR & SHR	111
–	2	2	–	21024-4	WASHER,LOCK(NO.8)SHEAR BL	110
–	2	2	–	21024-5	WASHER,LOCK(NO.10)	109
–	1	1	–	21022-4	NUT,HEX SELF LKG(1/4-20)	108
–	2	2	–	21018-6	NUT,HEX(8-32)DRAG	107
–	1	1	–	22736-3	SCR,SKT,SET NYLON (6-32x.156)	104
–	2	2	–	5-21061-5	SCR,SKT,SET CONE PT (8-32x.88)	102
–	2	–	–	3-18023-3	SCR, SHC (M6x50)	101
–	–	2	–	3-18023-1	SCR, SHC (M6x30)	100
–	1	1	–	26704-5	PLATE, IDENTIFICATION	99
–	2.00	2.00	–	25527-6	TAPE, POLYURETHANE	98
–	1	1	–	690701-2	PLATE, IDENTIFICATION	97
–	2	2	–	3-21000-5	SCR, SHC (10-32x.50)	94
–	2	2	–	3-21002-3	SCR,BHC(1/4-20x.50)ST GD PL	92
–	2	2	–	2-22733-8	SCR, SHC (1/4-20x.62) FEED BKT	91
–	2	2	–	2-21002-6	SCR, BHC 8-32 X .25 LG.	90
–	4	4	–	1-21002-6	SCR, BHC 6-32 X .25 LG.	89
–	3	3	–	1-21000-9	SCR, SHC 6-32 X .38 LG.	88
–	2	2	–	2-21002-4	SCR, BHC 8-32 X .75 LG.	87
–	1	1	–	21001-7	SCR,SHC(1/4-20x1.25)DRAG & ARM	86
–	1	1	–	22733-3	SCR, BHC 6-32 X .25 LG. LOCWEL	85
–	1	1	–	23030-3	SCR, SHC 6-32 X .50 LG. LOCWEL	84
–	–	1	–	1338307-2	GUARD,APPLICATOR FEED	81
–	–	3	–	1-21100-8	SCR,BHC10-24UNCX.50LG.	80
–	2	2	–	2-21000-7	SCR,SHC(8-32X.50)ANVIL	79
–	–	1	–	1338320-2	GUARD, END FEED	76
–	4	4	–	1-21002-0	SCR, BHC (2-56X.25) GUARD WINDOW	73
–	1	1	–	1338174-1	WINDOW, GUARD	72
–	1	1	–	3-21001-3	SCR, SHC (3/8-16X.75) FEED ASSY	71

QTY REQD PER ASSY				PARTS LIST		ITEM NO
-77	-2	-1	U/M	PART NO	DESCRIPTION	
–	2	–	–	9-18023-6	SCR, SHC, M4 X 14	70
–	2	–	–	18024-6	SCR, BHC, M4 X 8	69
–	1	–	–	2168489-1	ACTUATOR, SPARE MCI	68
–	1	–	–	2161273-1	GUARD, END FEED INSERT	67
–	1	–	–	2161272-2	GUARD, END FEED	66
–	1	1	–	2-460277-2	AIR FEED ASSY	65
–	1	1	–	980285-2	ELBOW, SWIVEL (1 1/8NPT-1/4T)	63
–	1	1	–	23238-1	QUICK DISCONNECT	62
–	36.00	12.00	IN	27319-4	TUBING, POLY-FLO ϕ.25	61
–	1	1	–	1338207-1	BRACKET, FEED EXT	59
–	1	1	–	1338208-1	BRACKET, FEED	58
–	1	1	–	460680-1	FEED FINGER ASSY	53
–	1	1	–	22374-7	VALVE, QUICK EXHAUST	48
–	1	1	–	22304-1	NIPPLE, HEX 1/8 NPT	47
–	1	1	–	7-21002-6	BOLT, CRIMPER(5/16-24x.75)	41
–	2	2	–	18027-4	WASHER, FLAT M6	30
–	2	2	–	2-18023-9	SCR,SHC M6 X 20	29
–	1	1	–	3-690451-3	SPACER	28
–	1	1	–	240639-1	STRIPPER	27
–	1	1	–	1424318-1	PLATE, BASE	26
–	1	1	–	458412-3	PLATE, STRIP GUIDE	24
–	1	1	–	3-22283-0	SPRING, DRAG	22
–	1	1	–	458403-1	DRAG, STOCK	20
–	1	1	–	458406-8	GUIDE, STRIP (REAR)	19
–	1	1	–	458404-9	GUIDE, STRIP (FRONT)	18
–	1	1	–	1424330-1	GUIDE, TERMINAL	16
–	1	1	–	1424334-1	REAR STRIPPER	15
–	1	1	–	27058-2	PLUNGER, SPRING, STUBBY	14
–	1	1	–	21004-9	SCR, SHLD .31 DIA X .50 LG.	13
–	1	1	–	1338124-1	WHEEL, ADJUSTING	12
1	1	1	–	1424319-1	ANVIL	11
–	1	1	–	1424335-6	SHEAR	10
–	1	1	–	458409-5	HOLDER, SHEAR	9
–	1	1	–	6-22282-8	SPRING, SHEAR RETURN	8
–	1	1	–	1424322-1	BLOCK, SHEAR DEPRESSOR	7
–	1	1	–	1338212-1	HOLDER, TOOL	5
–	1	1	–	690461-4	SCREW, SHEAR STOP	4
1	1	1	–	1338223-2	CRIMPER, WIRE, MODIFIED	1

P	LTR	REVISION RECORD	DATE	DWN	APVD
	G	ECR-13-007291	5-2013	MY	TE

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± .25 ; 3 PLC ± – ; 4 PLC ± –
ANGLES ± –
SURFACE TEXTURE √

DWN B.HIGMAN	12/10/00	MATERIAL – –	HEAT TREAT – –
CHK B.HIGMAN	12/10/00	TE Connectivity	
APVD T.ELBIN	12/10/00		
NAME END FEED THRU SPLICE APPLICATOR –			
SCALE –	SIZE A1	DRAWING NO 566398	SHEET 1 OF 2 REV G

CUSTOMER ACCESSIBLE PRODUCTION DRAWING

LOC A
DIST 66

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3308-8 (3/11)

8 7 6 5 4 3

DWG NO 566398

DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)
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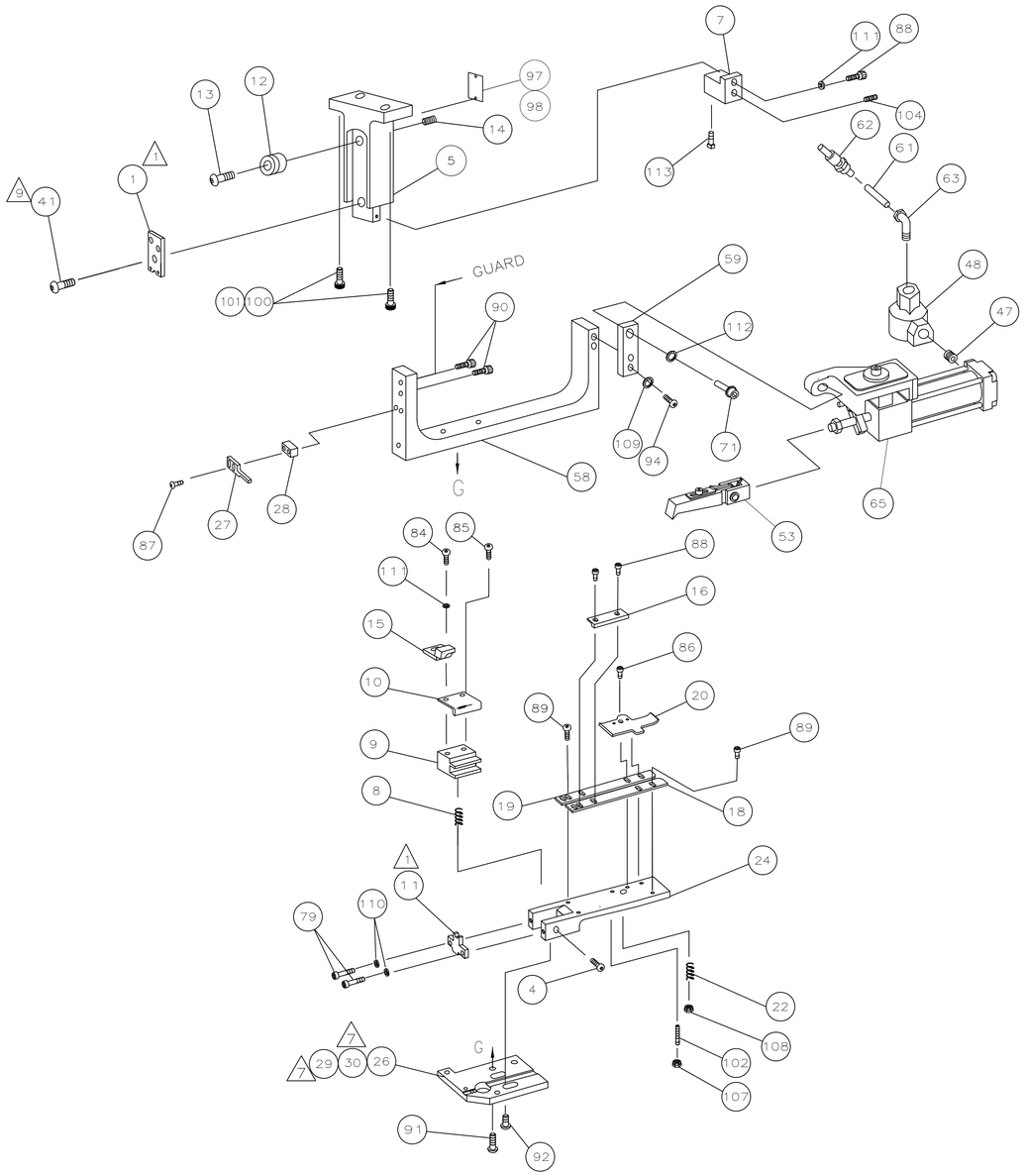
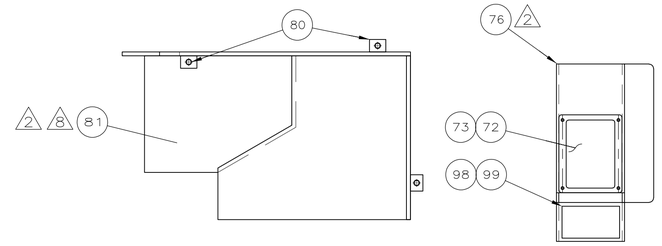
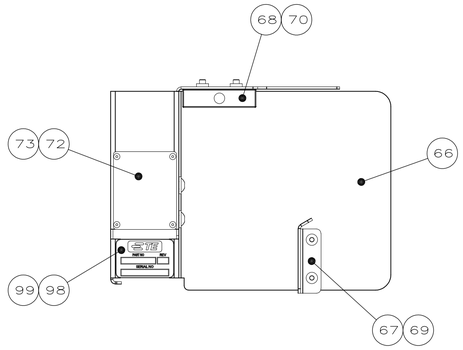
USED ON —





GUARD DETAIL
–1 ONLY



GUARD DETAIL
–2 ONLY

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LOC A
DIST 66

3308-8 (3/11)

P	LTR	REVISION RECORD	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± .25
3 PLC ± –
4 PLC ± –
ANGLES ± –
SURFACE TEXTURE

DWN B.HIGMAN 12/10/00	MATERIAL –	HEAT TREAT –	
CHK B.HIGMAN 12/10/00	–	–	
APVD T.ELBIN 12/10/00	TE Connectivity		
NAME END FEED THRU SPLICE APPLICATOR –			
SCALE –	SIZE A1	DRAWING NO 566398	SHEET 2 OF 2 REV G

CUSTOMER ACCESSIBLE PRODUCTION DRAWING

8 7 6 5 4 3 2 1

D C B A