SUMMIT TOOL DESIGN WARRANTS THE DRAWING TO BE DIMENSIONALLY CORRECT. CUSTOMER SHALL DETERMINE IF THE DESIGN IS APPROPRIATE FOR THE INTENDED USE. SUMMIT TOOL DESIGN SHALL BE LIABLE SOLELY FOR DIMENSIONAL ERRORS AND SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE.

XYZ SIZE  --  (X)   x (Y)   x (Z)  
MATL  --  
MASS  --   LBS   |   DENSITY =  
HT TR  --  
ORDER No.  --  
VENDOR  --  

2637_STP01  
STRIP LAYOUT

FILE  
SRC

TOLERANCE UNLESS OTHERWISE SPECIFIED  
.030  
.010  
.001  
.5  
.0 DECIMAL  
.00 DECIMAL  
.000 DECIMAL  
ANGULAR  
SCREWS  
.010 | DOWELS  
.0005

DESIGN BY - SUMMIT TOOL DESIGN - www.summitsedge.com

1 / 2 UNLESS NOTED

TOOL NO.  
SCALE

PROJECT

JOB No.  
DESIGNER  
DETAILER  
CHECKER

CONTENTS:  
FILE  
SRC

9/12/2002  
DETAILED LAST SAVE  
9/12/2002

FUEL DOOR HINGE - PROGRESSIVE DIE  
CUSTOMER P/N 93874-7S200

LEFT END VIEW  
1:1

PIECE PART  
2:1

.42°  
89.58°  
.965  
.965  
2.269  
2.239  
.411  
.411  
.765  
.760  
.387

FLAT BLANK  
1:1

2.765  
3.250  
.063

0 PIERCE & EMBOSS  
6.500 BLANKING  
13.000 BLANKING  
19.500 FORM UP  
26.000 PIERCE  
32.500 FORM ALL DOWN  
39.000 CAM TRIM HINGE PRONGS  
45.500 1ST CAM PRE-FORM  
52.000 2ND CAM PRE-FORM  
58.500 CAM CURL  
65.000 TRIM & PIERCE  
71.500 CUTOFF & EJECT

SUMMIT TOOL DESIGN
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XYZ SIZE -- (X) x (Y) x (Z)

MATL --

MASS -- 7171.35 LBS | DENSITY =

HT TR --

ORDER No. --

VENDOR --

2637_ASM02

LOWER DIE ASSEMBLY

3D DIE PLAN w/o STRIP

FILE SRC

TOLERANCE UNLESS OTHERWISE SPECIFIED

s

.030

.010

.001

.1/2

v

.0 DECIMAL

.00 DECIMAL

.000 DECIMAL

ANGULAR

SCREWS

.010 | DOWELS

.0005

DESIGN BY - SUMMIT TOOL DESIGN - www.summitsedge.com

2637_asm02 3D Dplan - No Strip.dft

1 OF 1 SHEET

9/11/2002 DETAILED LAST SAVE

9/11/2002

FUEL DOOR HINGE - PROGRESSIVE DIE

CUSTOMER P/N 93874-7S200

SUMMIT TOOL DESIGN
SUMMIT TOOL DESIGN WARRANTS THE DRAWING TO BE DIMENSIONALLY CORRECT.
CUSTOMER SHALL DETERMINE IF THE DESIGN IS APPROPRIATE FOR THE INTENDED USE.
SUMMIT TOOL DESIGN SHALL BE LIABLE SOLELY FOR DIMENSIONAL ERRORS AND SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE.

XYZ SIZE -- (X) x (Y) x (Z)
MATL --
MASS -- 3573.28 LBS | DENSITY =
HT TR --
ORDER No. --
VENDOR --
2637_ASM03
UPPER DIE ASSEMBLY
2D / 3D INVERTED PUNCH & STRIPPERS

1 / 2 UNLESS NOTED
TOOL NO.
SCALE
PROJECT
JOB No.
DESIGNER
DETAILER
CHECKER

CONTENTS:
FILE SRC
TOLERANCE UNLESS OTHERWISE SPECIFIED
u .030
u .010
u .001
1/2 .0
.0 DECIMAL
.00 DECIMAL
.000 DECIMAL
ANGULAR
SCREWS u .010 | DOWELS u .0005

DESIGN BY - SUMMIT TOOL DESIGN - www.summitsedge.com
2637_asm03 2D & 3D Pplan.dft
1 OF 1 SHEET
9/12/2002 DETAILED LAST SAVE
9/12/2002 FUEL DOOR HINGE - PROGRESSIVE DIE
CUSTOMER P/N 93874-7S200
CURL SLIDE

BACKSIDE VIEW

INTERNAL VIEW - HIDDEN COMPONENTS
SUMMIT TOOL DESIGN WARRANTS THE DRAWING TO BE DIMENSIONALLY CORRECT.

CUSTOMER SHALL DETERMINE IF THE DESIGN IS APPROPRIATE FOR THE INTENDED USE.

SUMMIT TOOL DESIGN SHALL BE LIABLE SOLELY FOR DIMENSIONAL ERRORS AND SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE.

XYZ SIZE  --  (X)   x (Y)   x (Z)
MATL  --
MASS  --  0.00 LBS   |   DENSITY =
HT TR  --
ORDER No.  --
VENDOR  --

2637_SA400

PUNCH ASSEMBLY - FORMING STATIONS

PARTS LIST

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DESIGN BY - SUMMIT TOOL DESIGN - www.summitsedge.com

FILE
2637 SA400.dft

1 OF 1 SHEET
8/30/2002
DETAILED LAST SAVE 9/9/2002

DETAILED LAST SAVE 9/9/2002

DETAILED LAST SAVE 9/9/2002

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DETAILED LAST SAVE 9/9/2002

DETAILED LAST SAVE 9/9/2002

DETAILED LAST SAVE 9/9/2002

DETAILE
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XYZ SIZE -- (X) x (Y) x (Z)  
MATL -- 
MASS -- 0.00 LBS  |  DENSITY =  
HT TR --  
ORDER No. --  
VENDOR --  

CONTENTS: 
FILE  
SRC  
TOLERANCE UNLESS OTHERWISE SPECIFIED 

.030 .010 .001 .50 \ .0 DECIMAL .00 DECIMAL .000 DECIMAL \ ANGULAR  
SCREWS .010 | DOWELS .0005

DESIGN BY - SUMMIT TOOL DESIGN - www.summitsedge.com  
2637_sa300400 - XS.dft  
1 OF 1 SHEET  
9/12/2002  
DETAILED LAST SAVE  
9/12/2002  
FUEL DOOR HINGE - PROGRESSIVE DIE  
CUSTOMER P/N 93874-7S200  
1ST FORM - CROSS SECTION A-A  
CAM TRIM - CROSS SECTION B-B  
1ST CAM FORM - CROSS SECTION C-C  
FINAL CURL - CROSS SECTION E-E  
2ND CAM FORM - CROSS SECTION D-D  
2ND CAM FORM - FEED RELEASE  
1ST CAM FORM - CROSS SECTION C-C