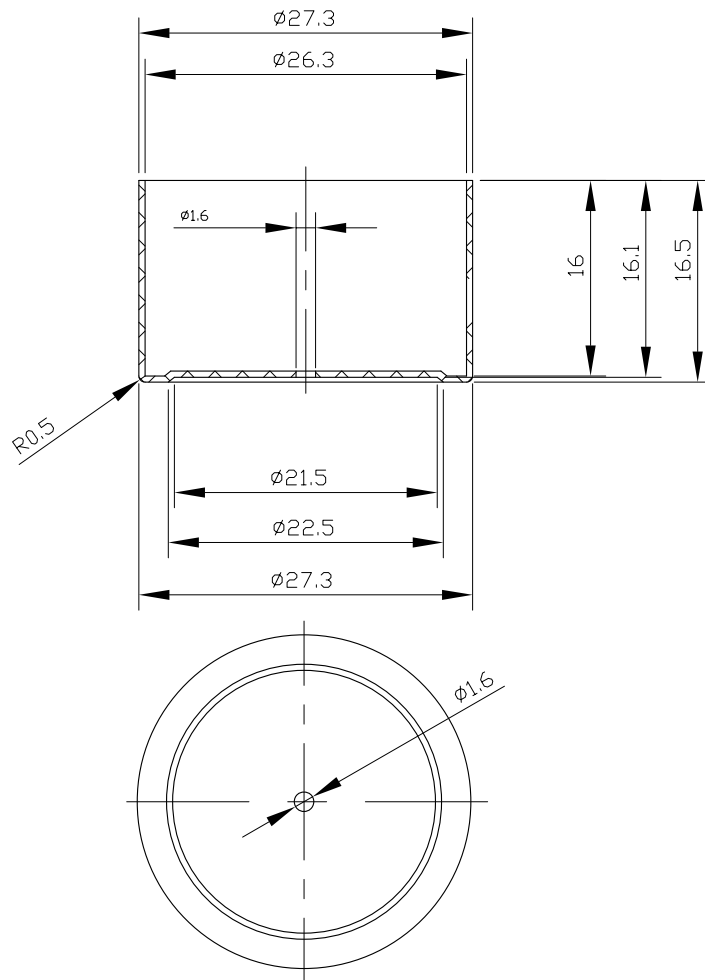




Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

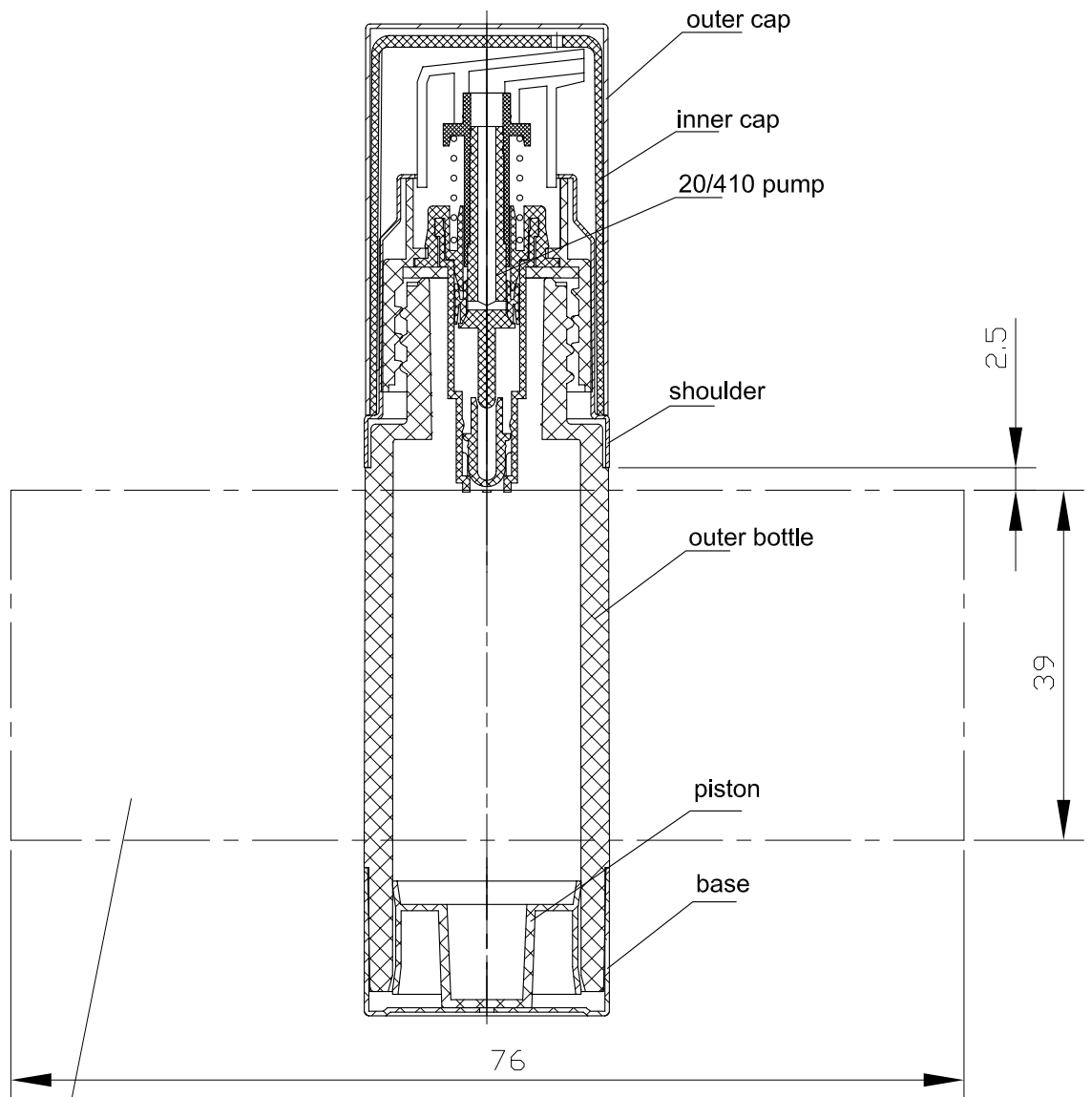
15ml Vacuum bottle
-base

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



outer bottle printable area:39mmX76mm

Mark	Modifications	Modifier	Date



$0 \geq 10 - \pm 0.15$
 $10 \geq 40 - \pm 0.20$
 $40 \geq 90 - \pm 0.3$
 $90 \geq 200 - \pm 0.5$
 Angular-- $\pm 0.5^\circ$

MAT' L:

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

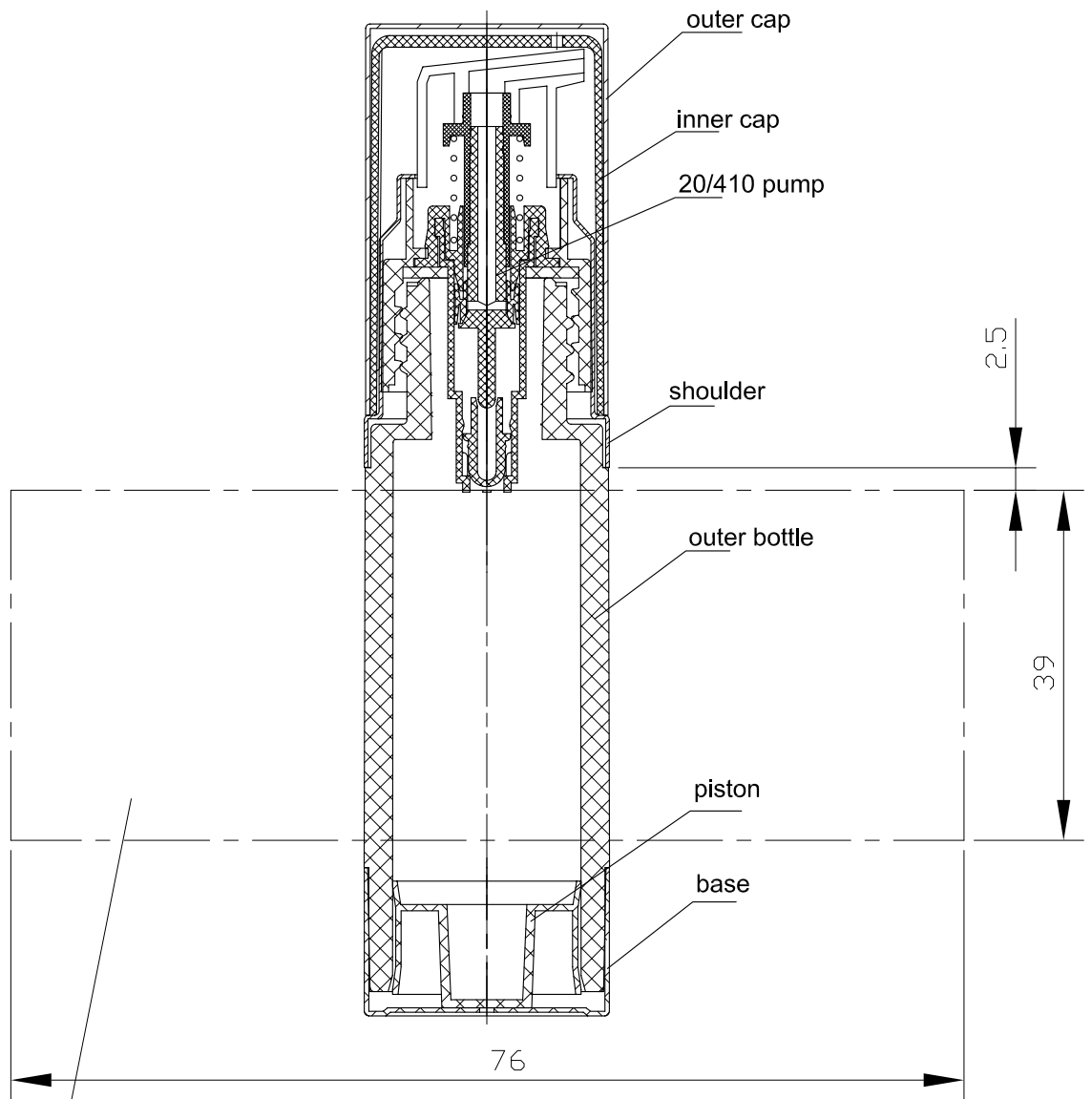
15ml Vacuum bottle
-Assembly

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



outer bottle printable area:39mmX76mm

Mark	Modifications	Modifier	Date



$0 \geq 10 - \pm 0.15$
 $10 \geq 40 - \pm 0.20$
 $40 \geq 90 - \pm 0.3$
 $90 \geq 200 - \pm 0.5$
 Angular-- $\pm 0.5^\circ$

MAT' L:

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

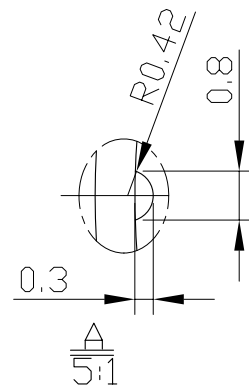
15ml Vacuum bottle
-Assembly

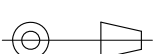
PA2020011-15ml

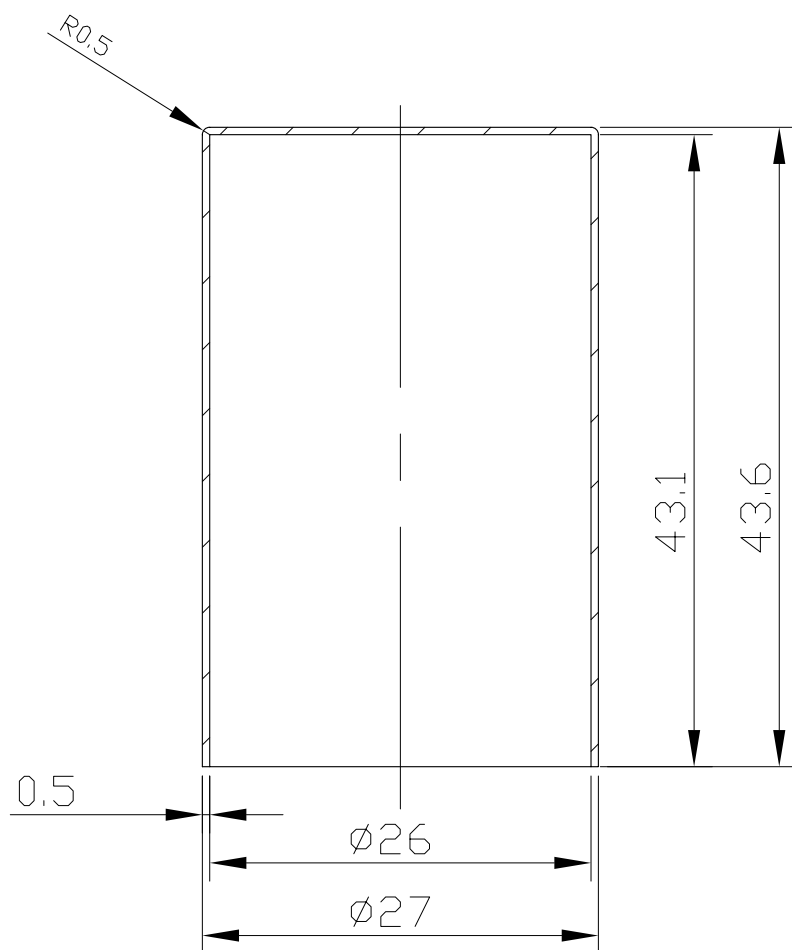
DESIGNER: Eric

CHECKED BY:

APPROVED BY:



 Element packaging	PRODUCT: 15ml Vacuum bottle -inner cap	
	DRW. NO:	PA2020011-15ml
0$\geq$10--$\pm$0.15 10$\geq$40--$\pm$0.20 40$\geq$90--$\pm$0.3 90$\geq$200--$\pm$0.5 Angular--$\pm$0.5°	MAT' L: PP	PART WEIGHT:
SCALE:	DATE: 2009/11/12	DESIGNER: Eric
PROG: 	CHECKED BY:	APPROVED BY:



Mark	Modifications	Modifier	Date



0 ≥ 10 -- ± 0.15
10 ≥ 40 -- ± 0.20
40 ≥ 90 -- ± 0.3
90 ≥ 200 -- ± 0.5
Angular -- ± 0.5°

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

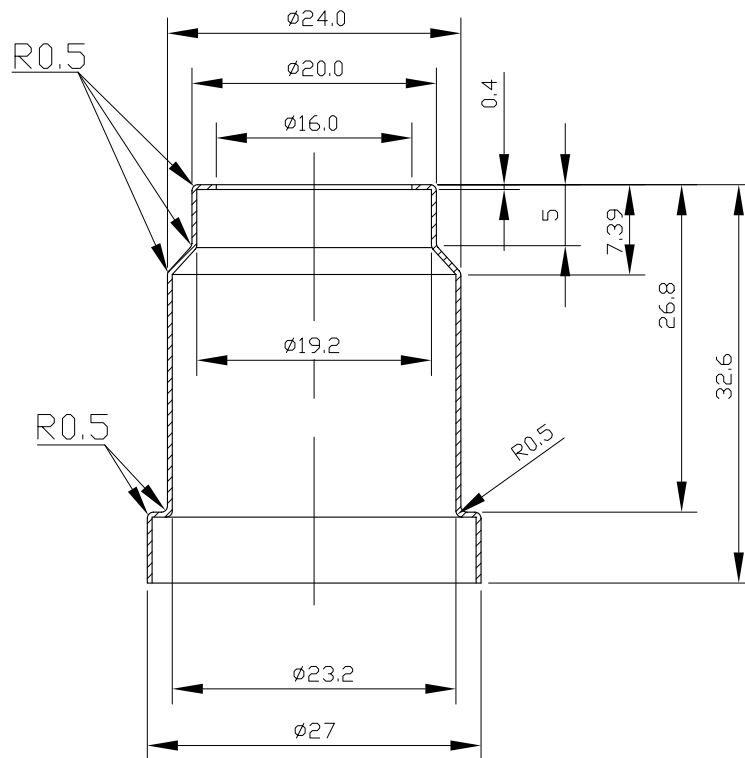
15ml Vacuum bottle
-outer cap

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

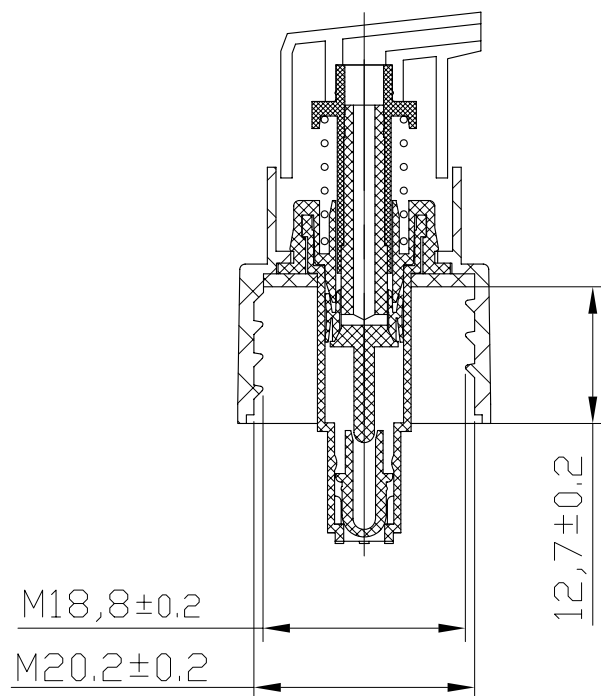
15ml Vacuum bottle
-shoulder

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark Modifications Modifier Date

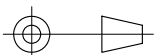


PRODUCT: 15ml Vacuum bottle
-20/410 pump
DRW. NO: PA2020011-15ml

0≥10--± 0.15
10≥40--± 0.20
40≥90--± 0.3
90≥200--± 0.5
Angular--± 0.5°

MAT' L:

SCALE:

PROG: 

PART WEIGHT:

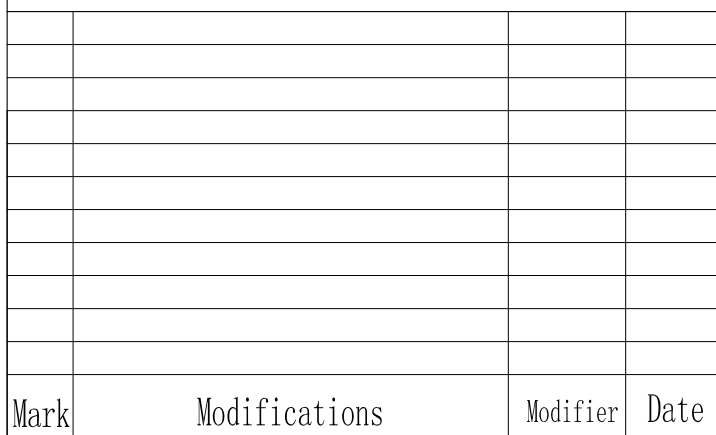
DATE: 2009/11/12

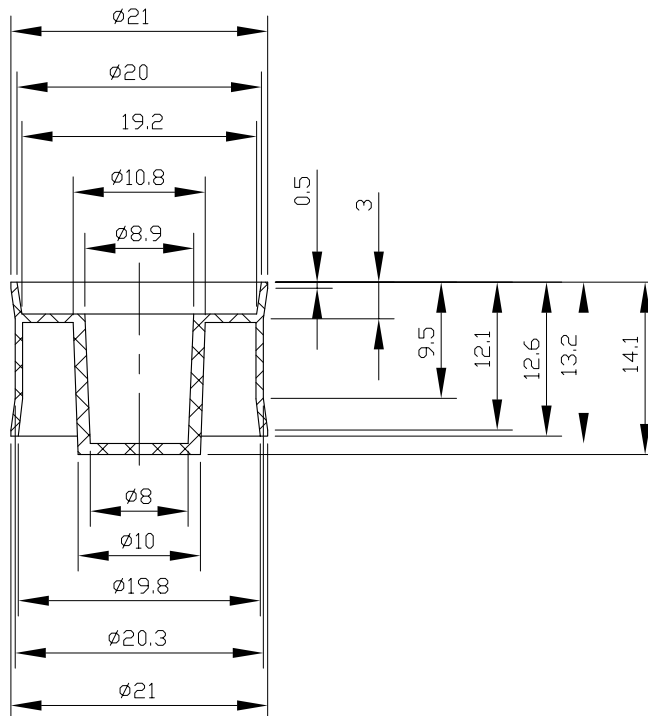
PAGE:

DESIGNER: Eric

CHECKED BY:

APPROVED BY:





Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **PE**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

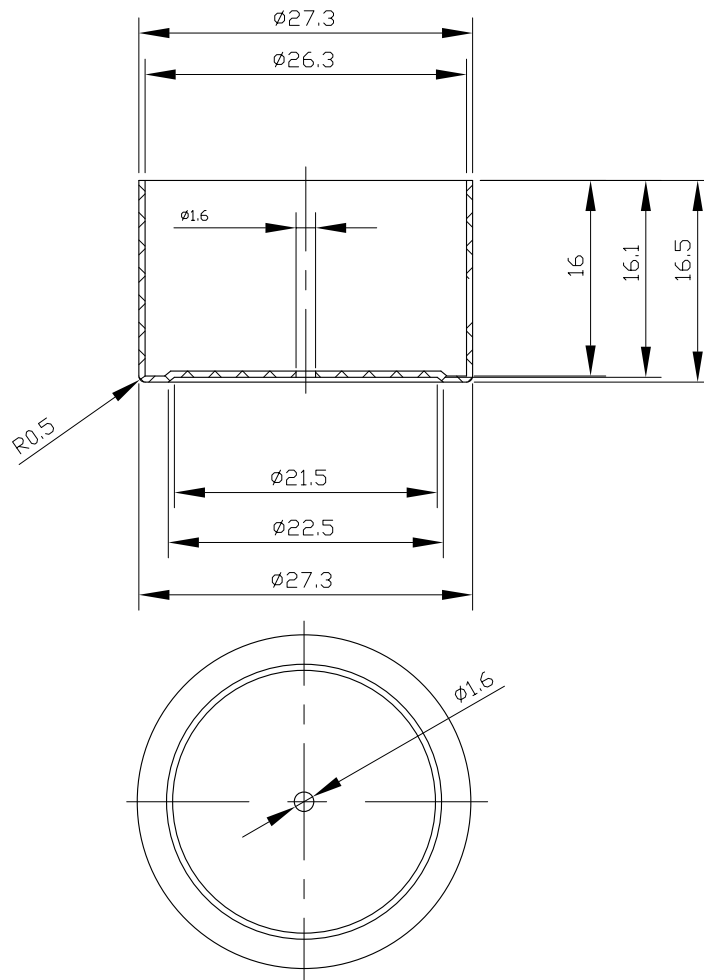
15ml Vacuum bottle
-piston

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

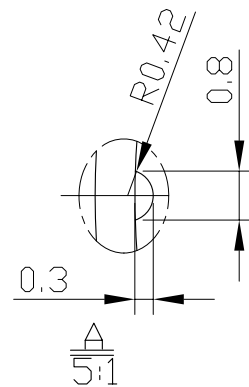
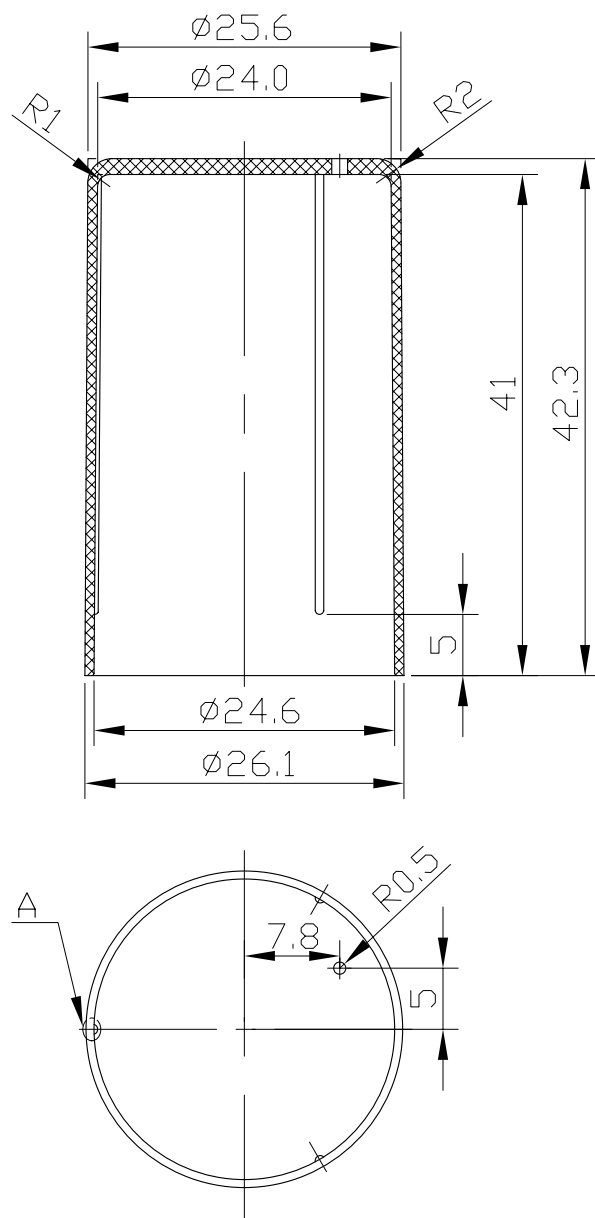
15ml Vacuum bottle
-base

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: PP

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

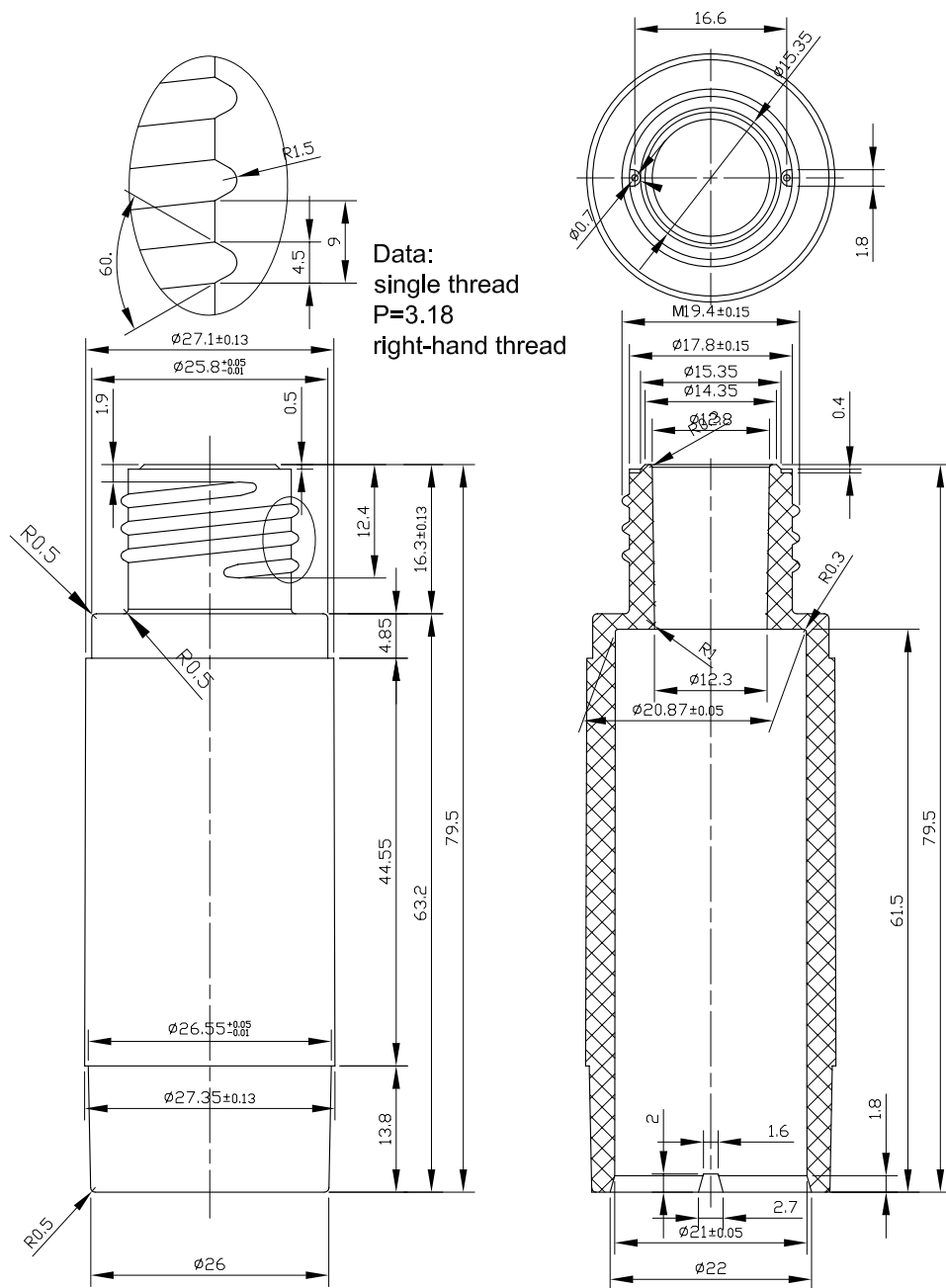
15ml Vacuum bottle
-inner cap

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **AS**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

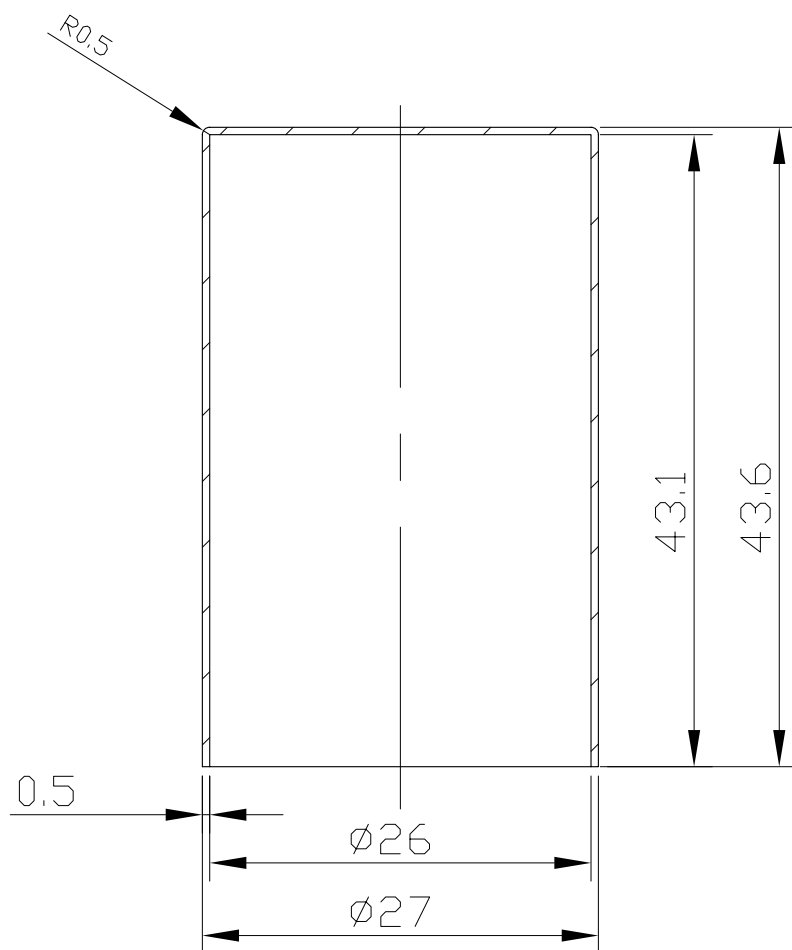
15ml Vacuum bottle
-outer bottle

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



0 ≥ 10 -- ± 0.15
 10 ≥ 40 -- ± 0.20
 40 ≥ 90 -- ± 0.3
 90 ≥ 200 -- ± 0.5
 Angular -- ± 0.5°

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

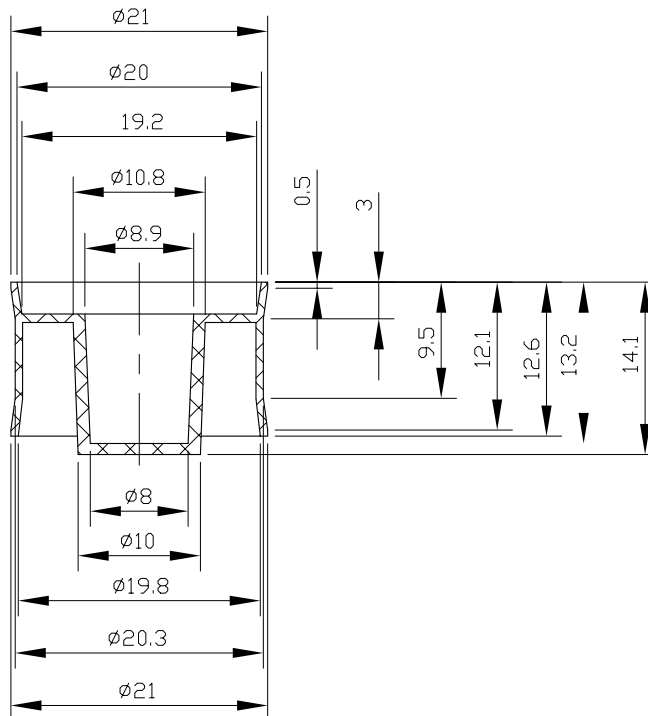
15ml Vacuum bottle
 -outer cap

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **PE**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

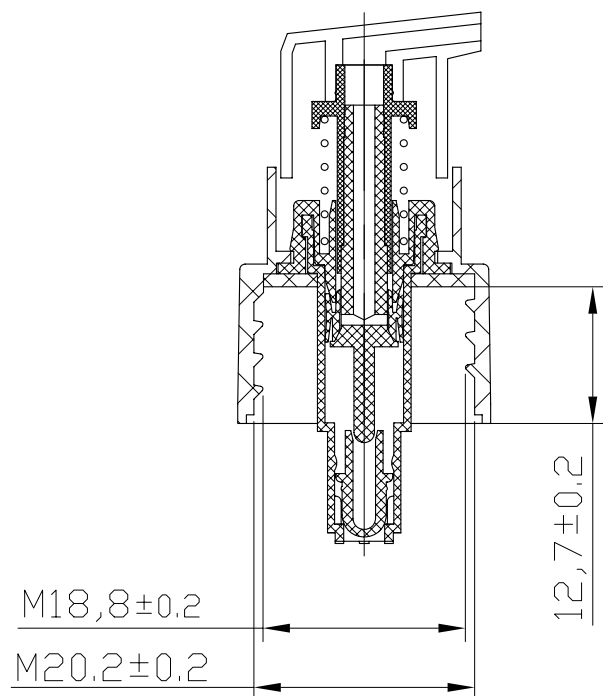
15ml Vacuum bottle
-piston

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark

Modifications

Modifier Date



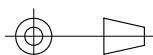
Element packaging

0 ≥ 10 -- ± 0.15
10 ≥ 40 -- ± 0.20
40 ≥ 90 -- ± 0.3
90 ≥ 200 -- ± 0.5
Angular -- ± 0.5°

MAT' L:

SCALE:

PROG:



PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

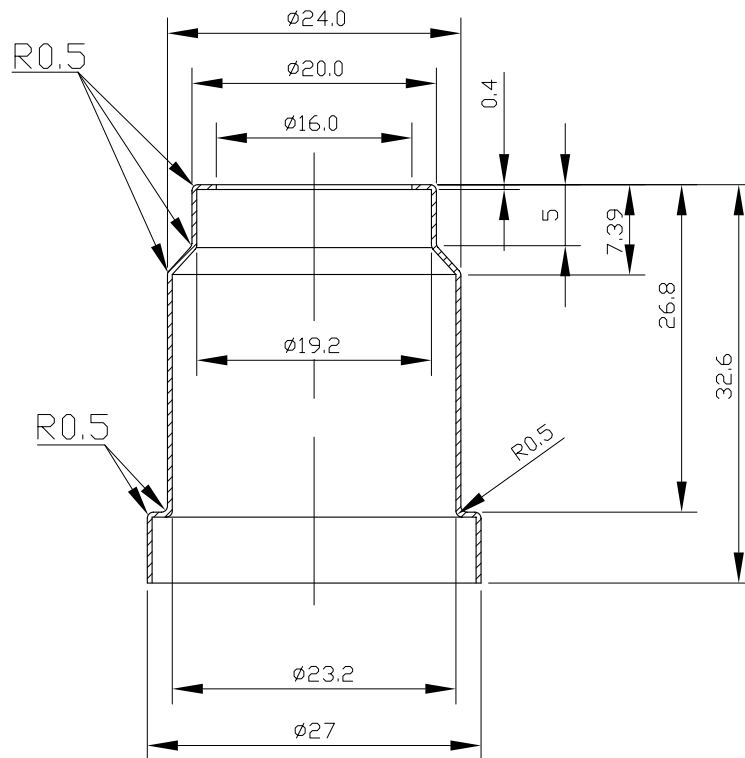
15ml Vacuum bottle
-20/410 pump

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY:



Mark	Modifications	Modifier	Date



$0 \geq 10 \rightarrow \pm 0.15$
 $10 \geq 40 \rightarrow \pm 0.20$
 $40 \geq 90 \rightarrow \pm 0.3$
 $90 \geq 200 \rightarrow \pm 0.5$
 Angular $\rightarrow \pm 0.5^\circ$

MAT' L: **AL**

SCALE:

PROG:

PRODUCT:

DRW. NO:

PART WEIGHT:

DATE: 2009/11/12

PAGE:

15ml Vacuum bottle
-shoulder

PA2020011-15ml

DESIGNER: Eric

CHECKED BY:

APPROVED BY: