



**SLI Glass**

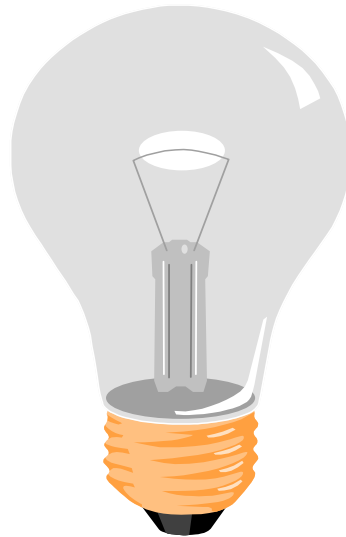
**SLI Glass**

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# SLI Glass

## Ribbon Bulb Drawings & Specifications



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## Contents

<b>Bulb Type</b>	<b>Bowl OD</b>	<b>Tolerance</b>	<b>Neck OD</b>	<b>Tolerance</b>
E070	70	+/- 1	35	+/- 0.8
E075A	75	+/- 1	42	+/- 1
E075B	75	+/- 1	41	+/- 0.8
E090A	90	+/- 1	50	+/- 1
FB040	40	+/- 1	28.2	+/- 1
H060	60	+/- 0.8	33	+/- 0.8
LS035	35	+/- 0.8	18.4	+/- 0.8
M045	45	+/- 1	30	+/- 0.8
M050	50	+/- 1	30	+/- 0.8
M050B	50	+/- 0.8	23	+/- 0.8
M055	55	+/- 1	33	+/- 0.8
M060	60	+/- 1	33	+/- 0.8
M063.5A	63.5	+/- 1	30	+/- 0.8
M065	65	+/- 1	33	+/- 0.8
M075A	75	+/- 1	37	+/- 0.8
M095	95.3	+/- 1	34.9	+/- 0.8
M095B	95.3	+/- 1	34.2	+/- 0.8
M125D	125	+/- 1	40	+/- 0.8
O080A	80	+/- 1	33	+/- 0.8
OC035A	35	+/- 0.8	24	+/- 0.8
OC035B	35	+/- 0.8	23.7	+/- 0.8
OC045	45	+/- 1	28	+/- 0.8
PS038	38	+/- 1	19	+/- 0.8
PS040	39.2	+/- 0.8	20	+/- 0.8
PS048	47.6	+/- 0.8	28.6	+/- 0.8
PS050	50	+/- 1	30	+/- 0.8
PS055	55	+/- 1	31	+/- 0.8
PS060B	60.3	+/- 1	28.6	+/- 0.8
PS060D	60	+/- 1	33	+/- 0.8
PS068	68	+/- 1	37	+/- 0.8
PS070	70	+/- 1	37	+/- 0.8
PS075	75	+/- 1	37	+/- 0.8
PS080A	80	+/- 1	39	+/- 0.8
PS080B	80	+/- 1	39	+/- 0.8
PS110	110	+/- 1	50	+/- 0.8
PS130A	130	+/- 1	52	+/- 0.8

Revised : 26-Jan-04  
A L Cave : Quality Manager

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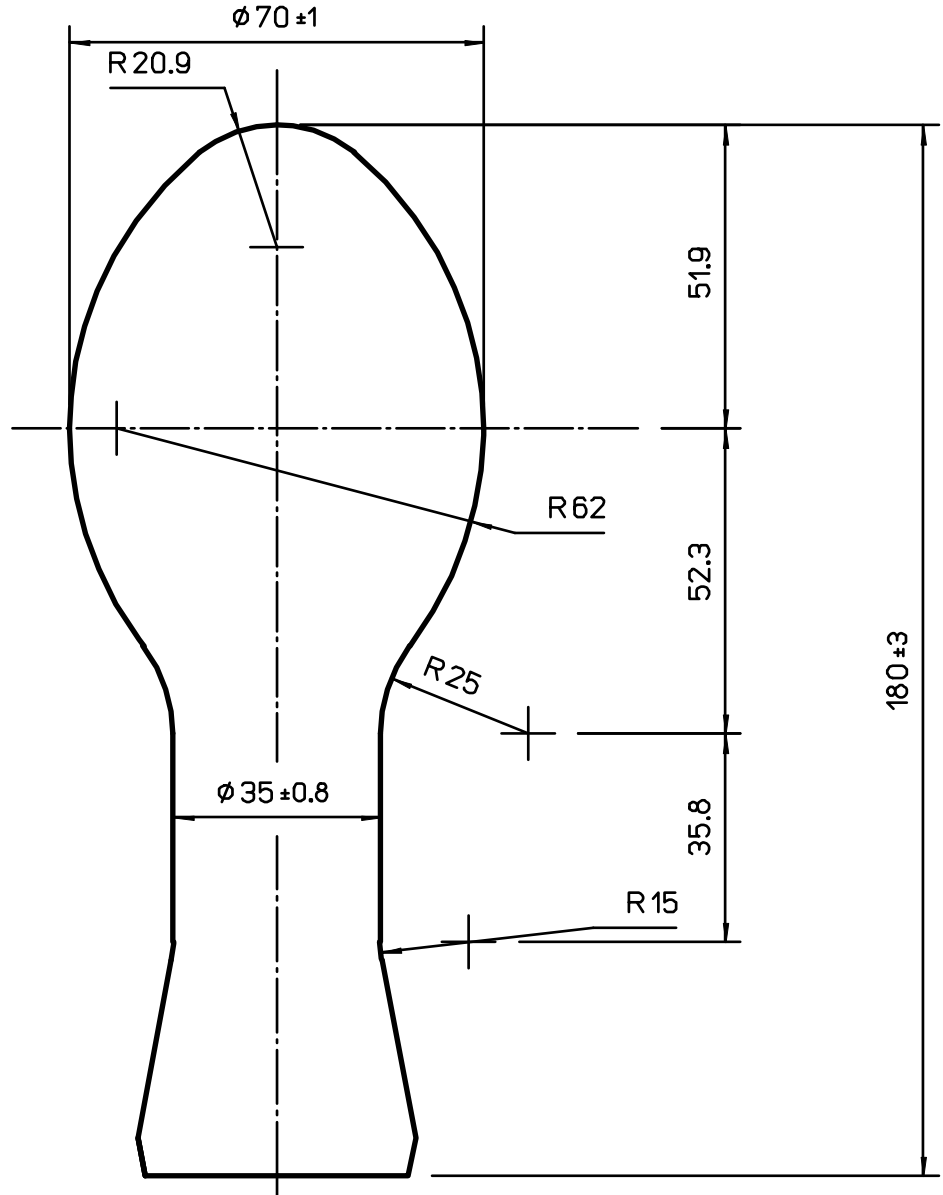
## Contents continued

<b>Bulb Type</b>	<b>Bowl OD</b>	<b>Tolerance</b>	<b>Neck OD</b>	<b>Tolerance</b>
R040	40	+/-	0.8	24 +/- 0.8
R040D	40	+/-	0.8	18 +/- 0.8
R045E	45	+/-	0.8	24 +/- 0.8
R045G	45	+/-	0.85	24 +/- 0.8
R050	50	+/-	1	23 +/- 0.8
R050.6	50.6	+/-	1	17.8 +/- 0.8
R050A	50	+/-	1	26 +/- 0.8
R050B	50	+/-	1	19.5 +/- 1
R060	60	+/-	1	27.2 +/- 0.8
R068	68	+/-	1	30 +/- 0.8
R079	79.4	+/-	1	30.1 +/- 0.8
R088	88	+/-	1	39.3 +/- 0.8
R095	95	+/-	1	37 +/- 0.8
R120	120	+/-	1	40 +/- 0.8
R127	126.6		+2.1/ -0.8	39.7 +/- 2.1/ -0.8
ST025.4	25.4	+/-	0.5	15.2 +/- 0.5
ST025.5	25.5	+/-	0.8	22 +/- 0.8
ST028	28	+/-	0.8	23 +/- 0.8
ST028G	28	+/-	0.8	20 +/- 0.8
ST028K	28	+/-	0.8	23 +/- 0.8
ST028L	28	+/-	0.8	18.5 +/- 0.8
ST035	35	+/-	0.8	16 +/- 0.8
ST044.5	44.5	+/-	1	32 +/- 0.8
T017	17		max	17 max
T017.5	17.5	+/-	1	17.5 +/- 1
T025	25	+/-	0.8	22 +/- 0.8
T025A	25	+/-	1	22 +/- 0.8
T038B	38	+/-	0.6	38 +/- 0.6
TC035B	35	+/-	1	24.2 +/- 1
TC047	47	+/-	+1.5/ -1	28 +/- 0.8

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>E070</b>	<b>ISSUE DATE</b>	25-JAN-65
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 130 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

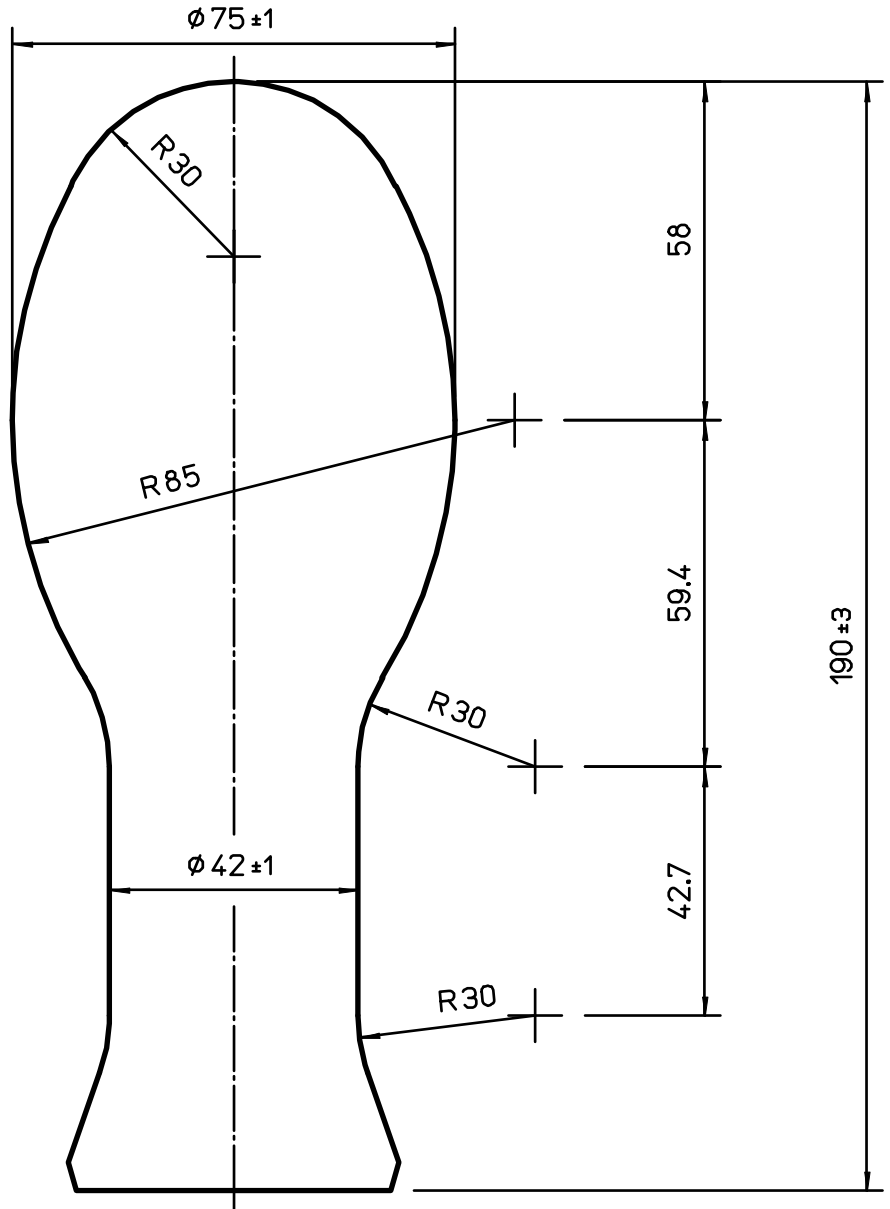
STEM	INSIDE DIAMETER	32.6	MIN	
FLARE	INSIDE DIAMETER	36.8	MIN	OUTSIDE DIAM. 50.9 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	14-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>E075A</b>	<b>ISSUE DATE</b>	<b>2-MAY-73</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 150 FROM BULB TOP)	.48 TO .83
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	1.0 TO 2.50

STEM	INSIDE DIAMETER	39.5 MIN	
FLARE	INSIDE DIAMETER	43.7 MIN	OUTSIDE DIAM. 57.7 MAX.

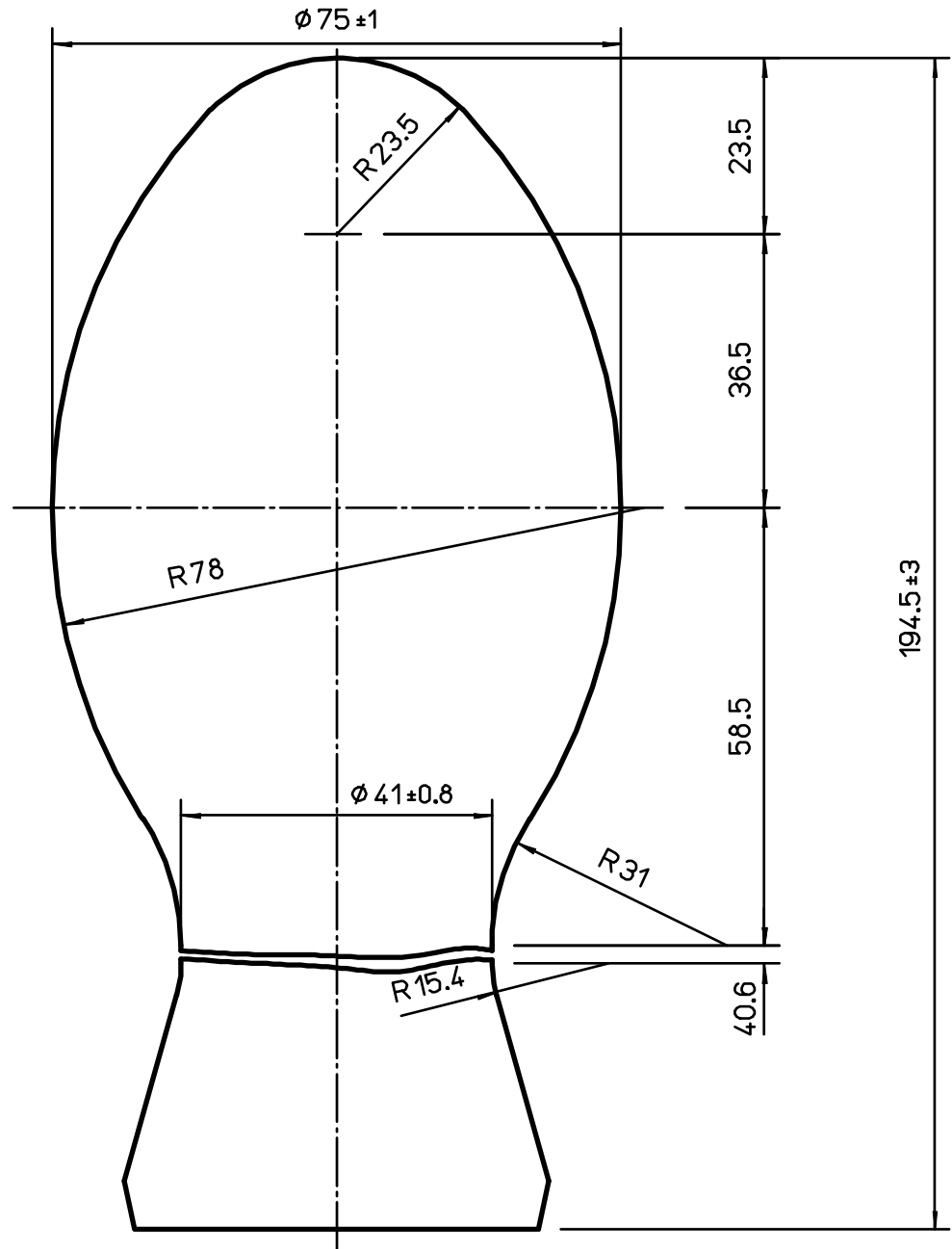
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	4-2-91	DIMENSIONS REVIEWED			

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>E075B</b>	<b>ISSUE DATE</b>	<b>7-MAR-75</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 137 FROM BULB TOP)	.50 TO .88
SIDE	(AT MAXIMUM DIAMETER)	.38 min.
TOP	(AT CENTRE TOP)	1.00 TO 2.50

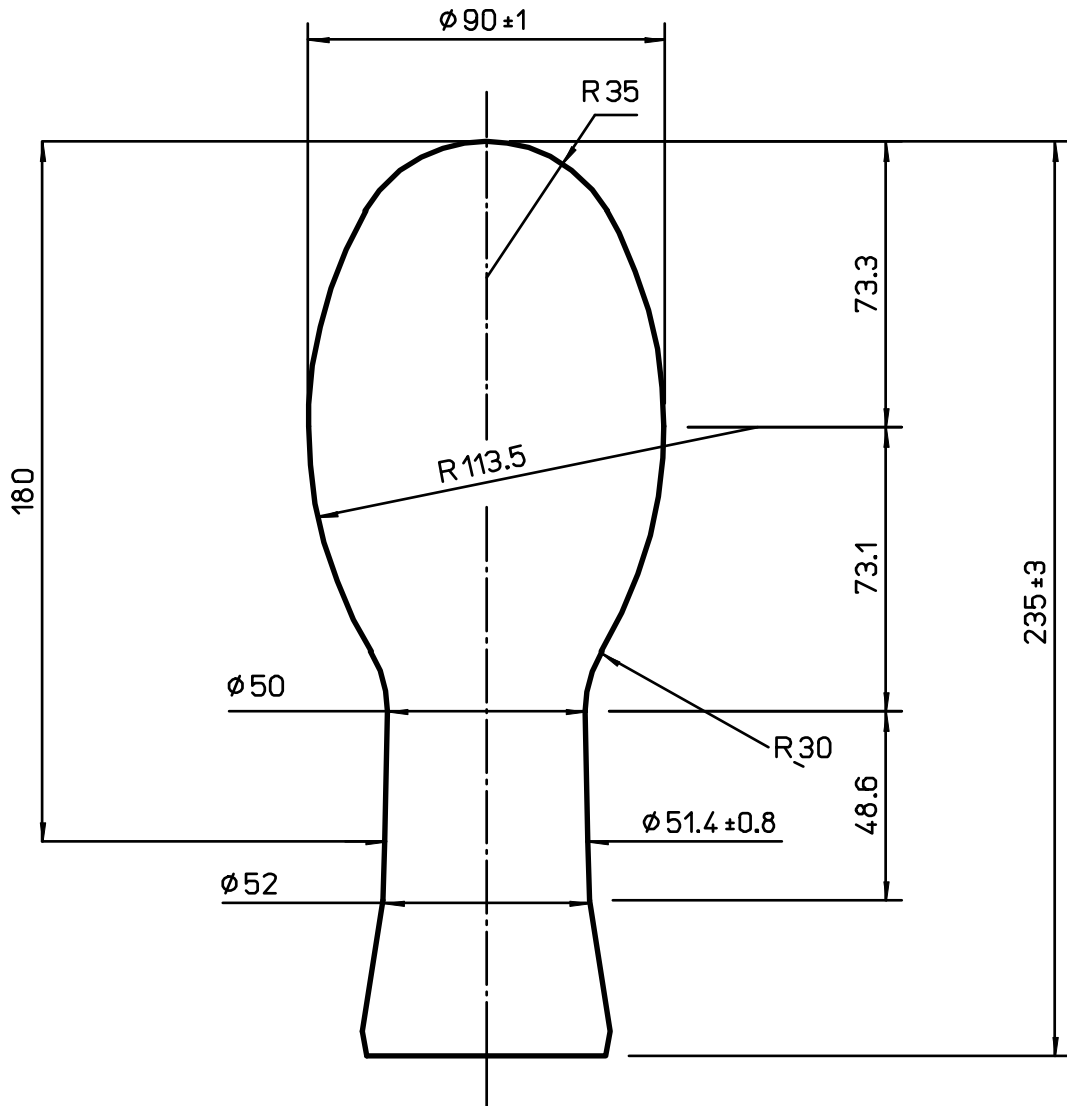
STEM	INSIDE DIAMETER	37.0 MIN	
FLARE	INSIDE DIAMETER	43.7 MIN	OUTSIDE DIAM. 57.7 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	5-3-90	NECK MEASURING POSN TO 137		5-3-90	FLARE RAD WAS 15
		5-3-90	STEM LENGTH WAS 46.05	2	16-1-91	DIMENSIONS REVIEWED

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<b>RIBBON BULB TYPE</b>	<b>E090A</b>	<b>ISSUE DATE</b>	<b>28.1.71</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

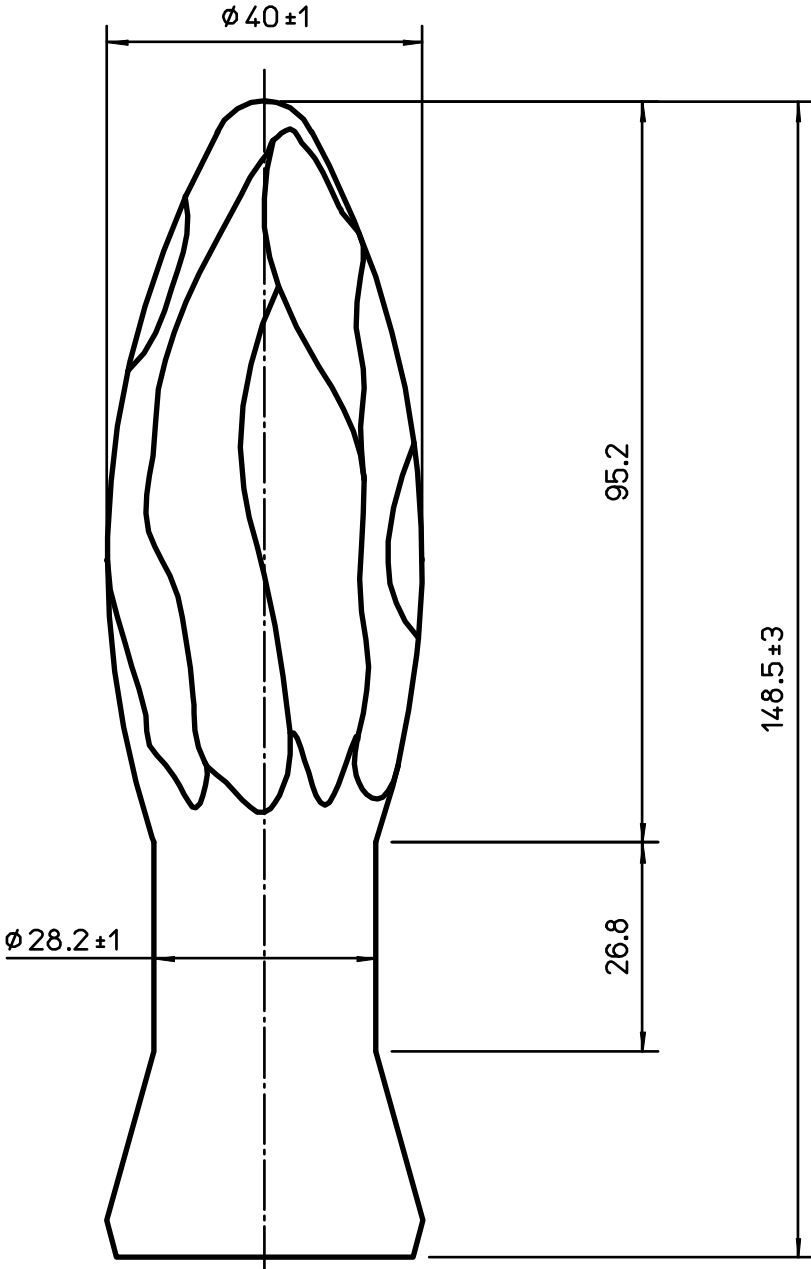
NECK	(AT 180 FROM BULB TOP)	0.70 TO 1.20
SIDE	(AT MAXIMUM DIAMETER)	0.35 MIN
TOP	(AT CENTRE TOP)	0.50 TO 2.00

STEM	INSIDE DIAMETER	46.5	MIN	
FLARE	INSIDE DIAMETER	49.5	MIN	OUTSIDE DIAM 66.0 MAX

ALL DIMENSIONS ARE IN MM

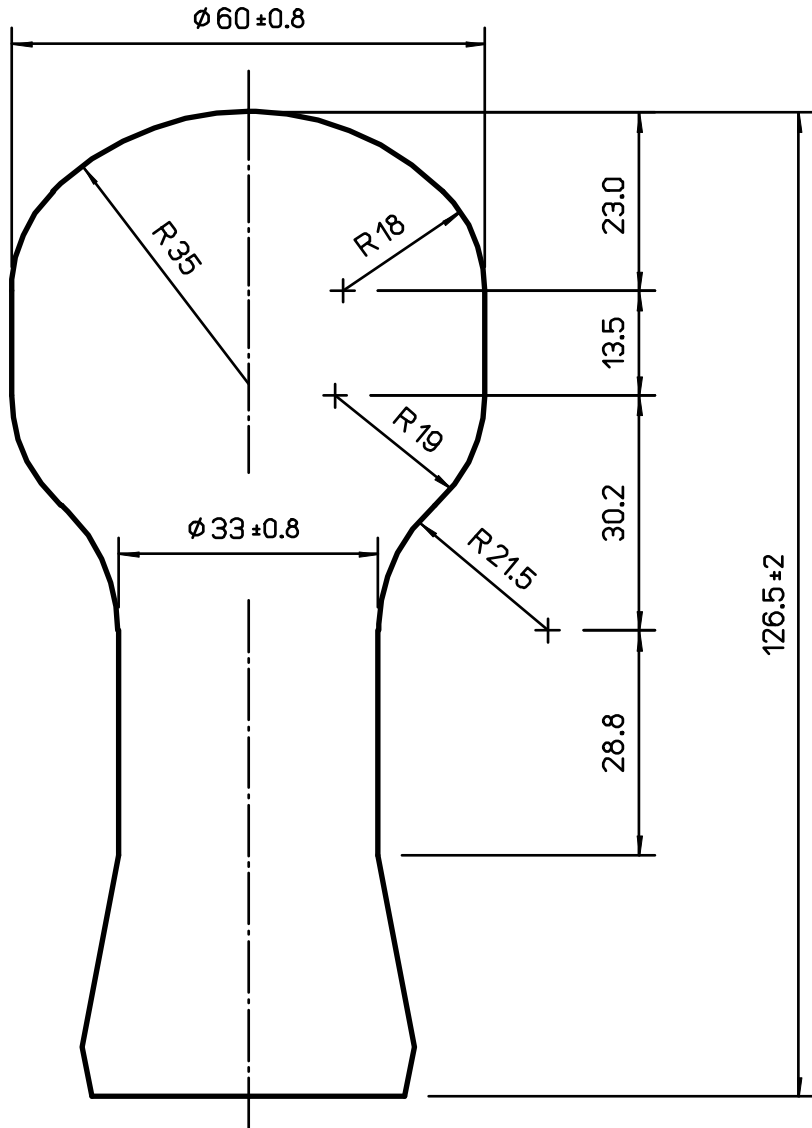
APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	2	15.3.89.	NECK MEASURING POSN.WAS 170			
APPROVED BY	3	4-2-91	DIMENSIONS REVIEWED			

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RIBBON BULB TYPE	<b>FB040</b>	ISSUE DATE	16-Jan-89															
																		
<p><b>WALL THICKNESS LIMITS &amp; MEASURING POSITION</b></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>NECK</td> <td>(AT 110 FROM BULB TOP)</td> <td>.38</td> <td>TO</td> <td>.76</td> </tr> <tr> <td>SIDE</td> <td>(AT MAXIMUM DIAMETER)</td> <td>-</td> <td>TO</td> <td>-</td> </tr> <tr> <td>TOP</td> <td>(AT CENTRE TOP)</td> <td>-</td> <td>TO</td> <td>-</td> </tr> </table>				NECK	(AT 110 FROM BULB TOP)	.38	TO	.76	SIDE	(AT MAXIMUM DIAMETER)	-	TO	-	TOP	(AT CENTRE TOP)	-	TO	-
NECK	(AT 110 FROM BULB TOP)	.38	TO	.76														
SIDE	(AT MAXIMUM DIAMETER)	-	TO	-														
TOP	(AT CENTRE TOP)	-	TO	-														
<table style="margin-left: auto; margin-right: auto;"> <tr> <td>STEM</td> <td>INSIDE DIAMETER</td> <td>25.6</td> <td>MIN</td> <td></td> </tr> <tr> <td>FLARE</td> <td>INSIDE DIAMETER</td> <td>32.0</td> <td>MIN</td> <td>OUTSIDE DIAM. 41.4 MAX.</td> </tr> </table>				STEM	INSIDE DIAMETER	25.6	MIN		FLARE	INSIDE DIAMETER	32.0	MIN	OUTSIDE DIAM. 41.4 MAX.					
STEM	INSIDE DIAMETER	25.6	MIN															
FLARE	INSIDE DIAMETER	32.0	MIN	OUTSIDE DIAM. 41.4 MAX.														
ALL DIMENSIONS ARE IN mm																		
APPROVED BY	NO.	DATE	MODIFICATION															
	1	24-11-98	REDRAWN ON CAD															
APPROVED BY																		

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<b>RIBBON BULB TYPE</b>	<b>H060</b>	<b>ISSUE DATE</b> 24-Nov-87
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 83 FROM BULB TOP)	0.38 TO 0.72
SIDE	(AT 29 FROM TOP OF BULB)	0.35 MIN
TOP	(AT CENTRE TOP)	0.45 TO 1.30

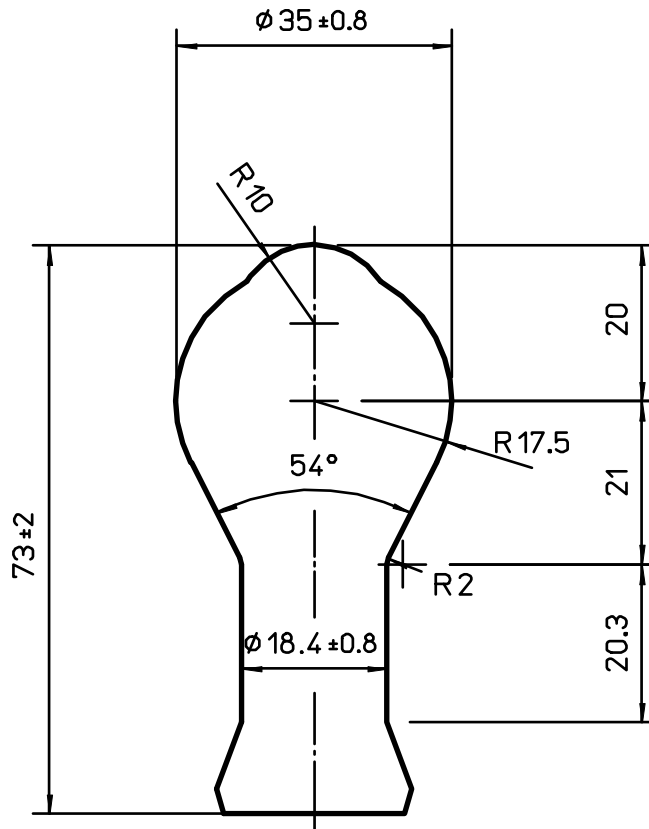
STEM	INSIDE DIAMETER	30.6 MIN
FLARE	INSIDE DIAMETER	32.1 MIN      OUTSIDE DIAM. 43.3 MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	27-JAN-93	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>LS035</b>	<b>ISSUE DATE</b>	20-OCT-64
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 50 FROM BULB TOP)	.45 TO .80
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN
TOP	(AT CENTRE TOP)	.45 TO 1.27

STEM	INSIDE DIAMETER	15.6	MIN
FLARE	INSIDE DIAMETER	15.4	MIN
	OUTSIDE DIAM.	26.0	MAX.

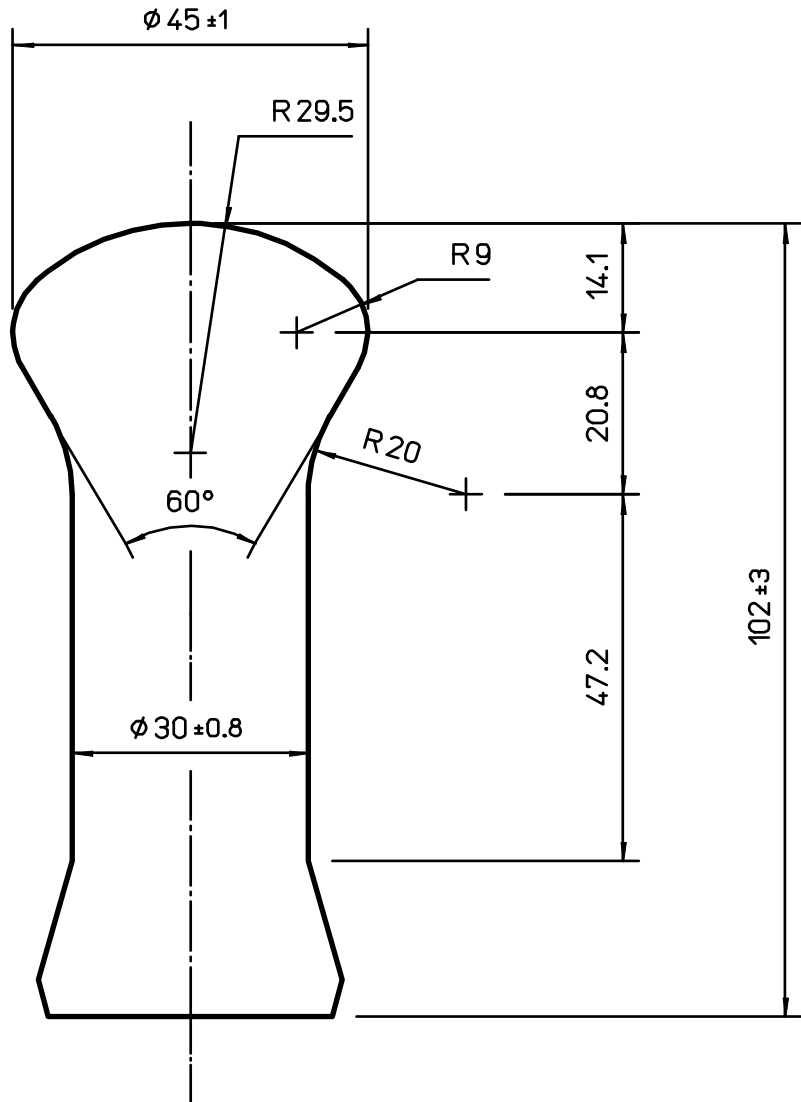
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	5-2-91	DIMENSIONS REVIEWED			
APPROVED BY						

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>M045</b>	<b>ISSUE DATE</b>	<b>6-OCT-65</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 64 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

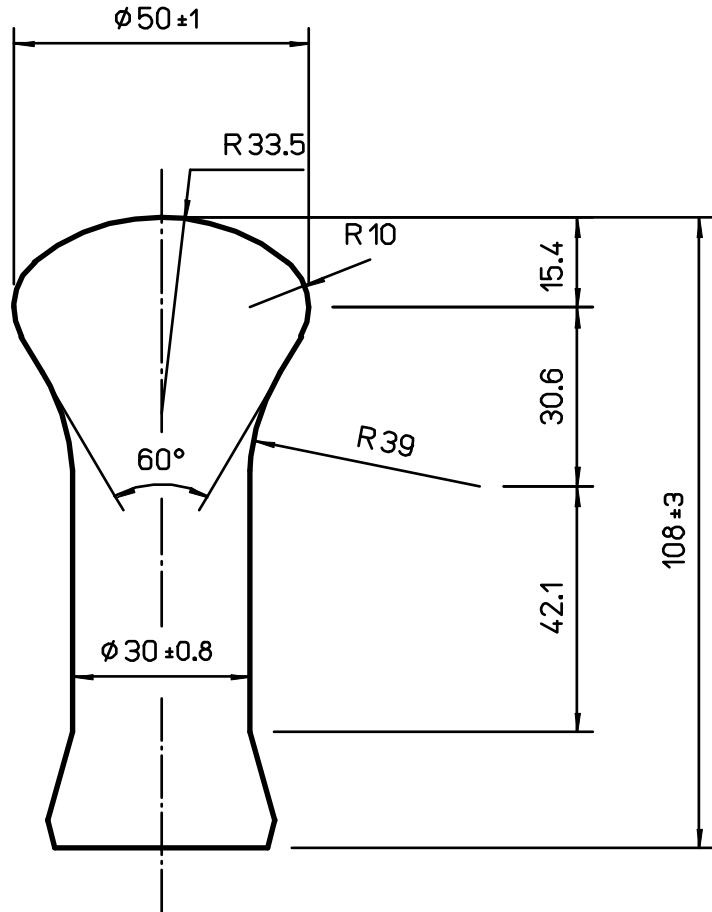
STEM	INSIDE DIAMETER	27.6 MIN	
FLARE	INSIDE DIAMETER	30.3 MIN	OUTSIDE DIAM. 39.6 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	---	FLARE WAS 37.69/40.155			
	2	5-2-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>M050</b>	<b>ISSUE DATE</b> 6-OCT-92
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 65 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

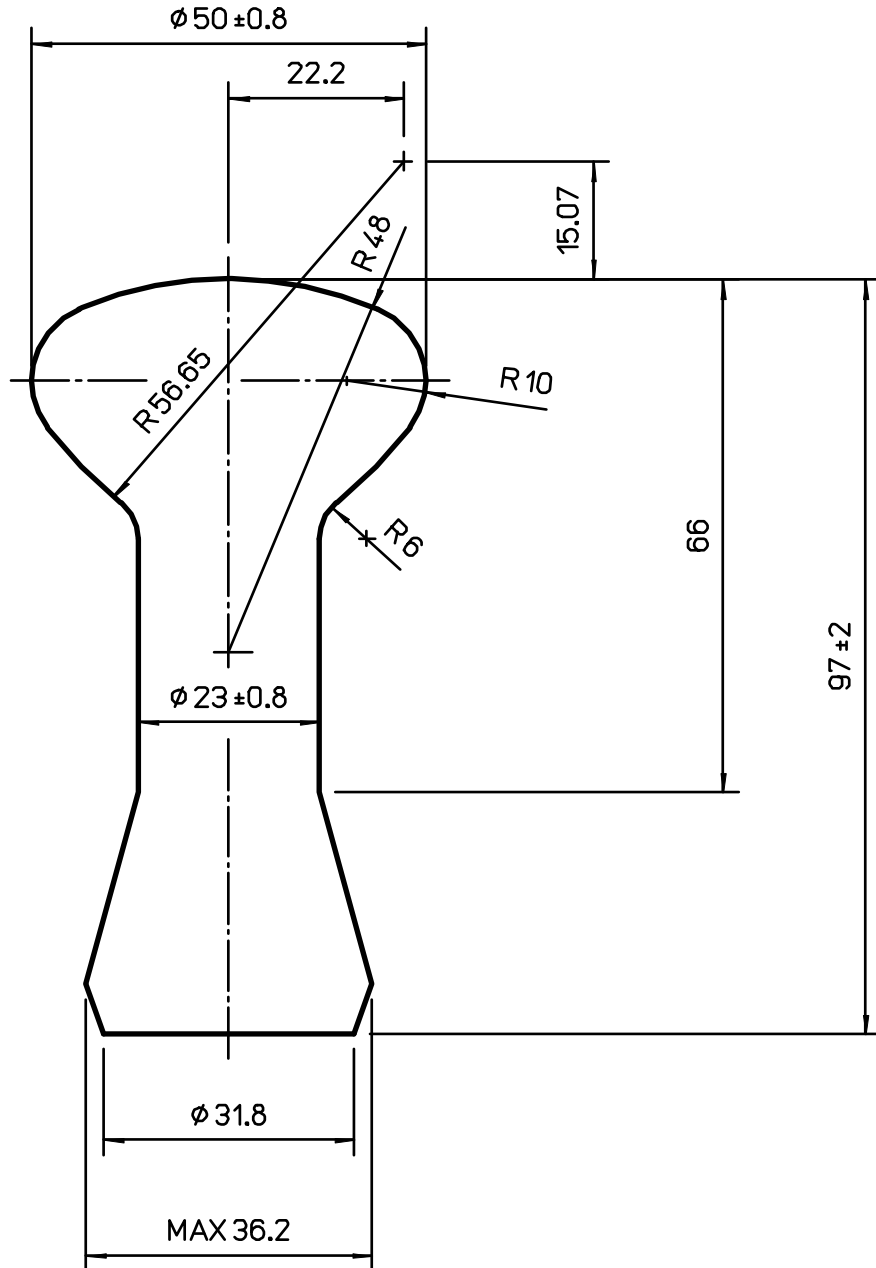
STEM	INSIDE DIAMETER	27.6	MIN	
FLARE	INSIDE DIAMETER	30.3	MIN	OUTSIDE DIAM. 39.6 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	2	27-NOV-92	DIMENSIONS REVIEWED			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>M050B</b>	ISSUE DATE <b>11-Aug-98</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 60 FROM BULB TOP)	.40	TO .70
SIDE	(AT MAXIMUM DIAMETER)	.35	TO 1.00
TOP	(AT CENTRE TOP)	.45	TO 1.30

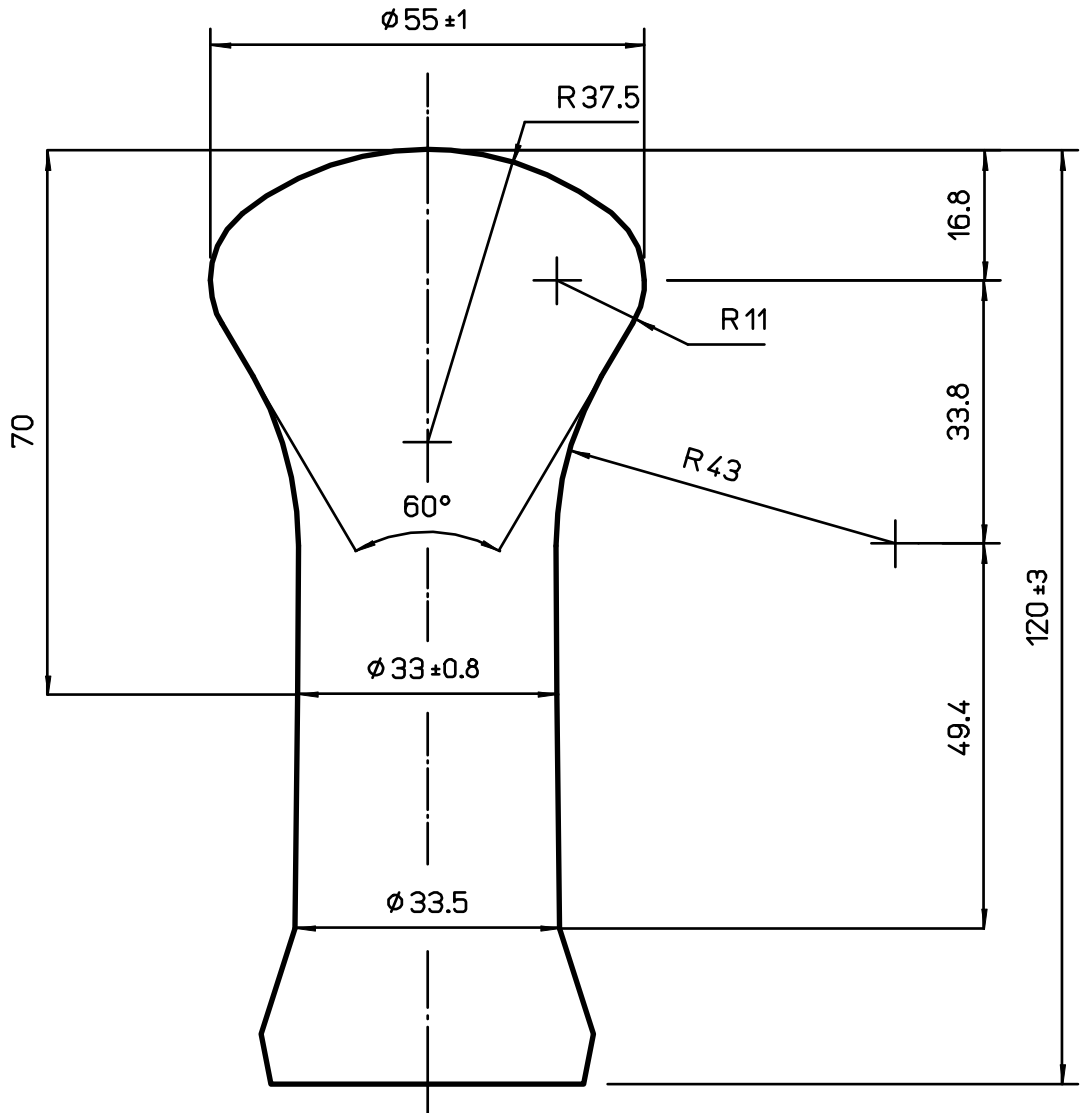
STEM	INSIDE DIAMETER	20.6	MIN	
FLARE	INSIDE DIAMETER	25.8	MIN	OUTSIDE DIAM. 36.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>M055</b>	<b>ISSUE DATE</b>	<b>16-MAY-69</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 70 FROM BULB TOP)	.38 TO .73
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

STEM	INSIDE DIAMETER	30.6 MIN	
FLARE	INSIDE DIAMETER	32.1 MIN	OUTSIDE DIAM.43.3 MAX.

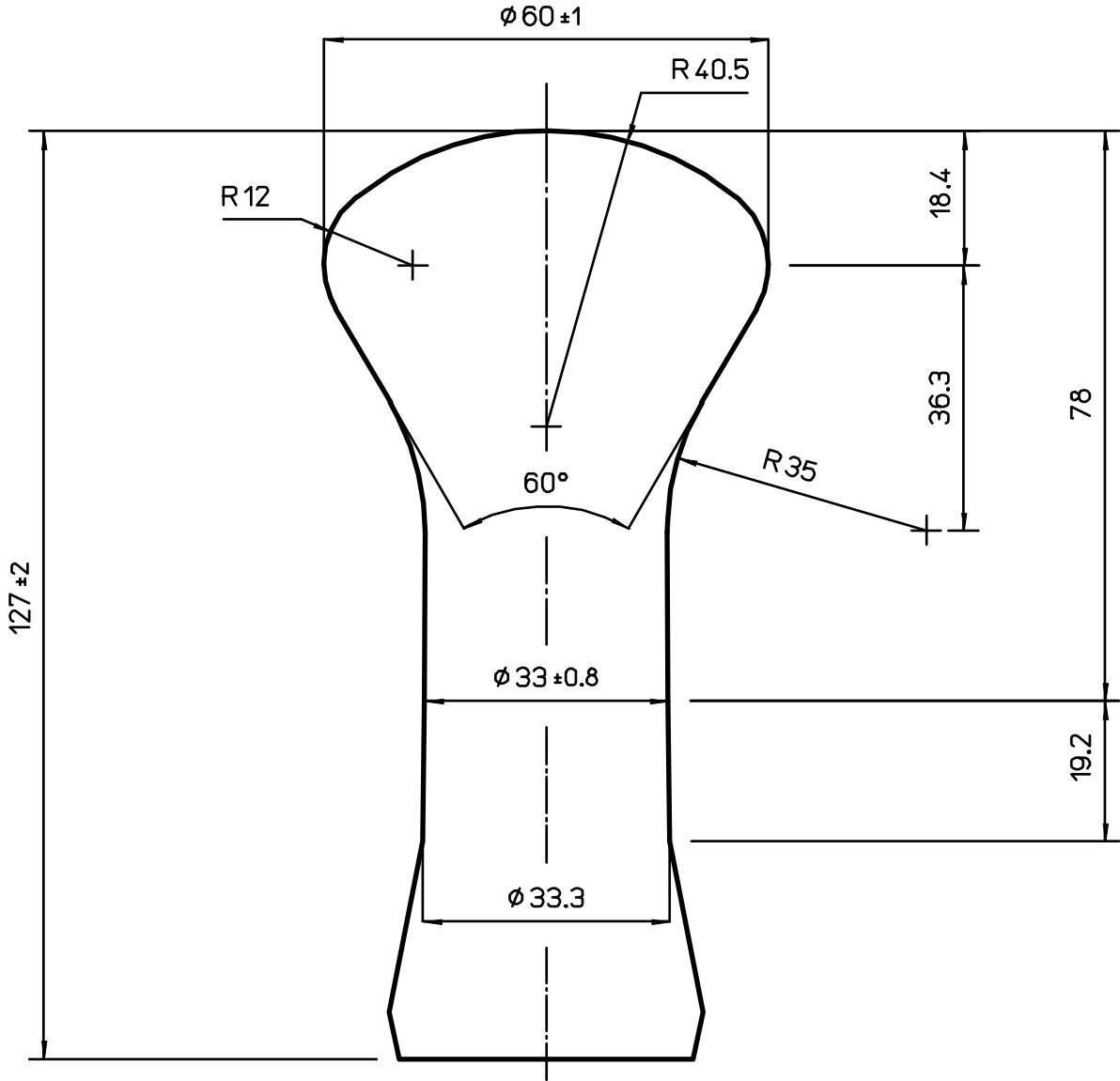
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	16-1-91	DIMENSIONS REVIEWED			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>M060</b>	<b>ISSUE DATE</b> 25-NOV-65
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 78 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

STEM	INSIDE DIAMETER	30.6 MIN
FLARE	INSIDE DIAMETER	32.1 MIN
	OUTSIDE DIAM.	43.3 MAX.

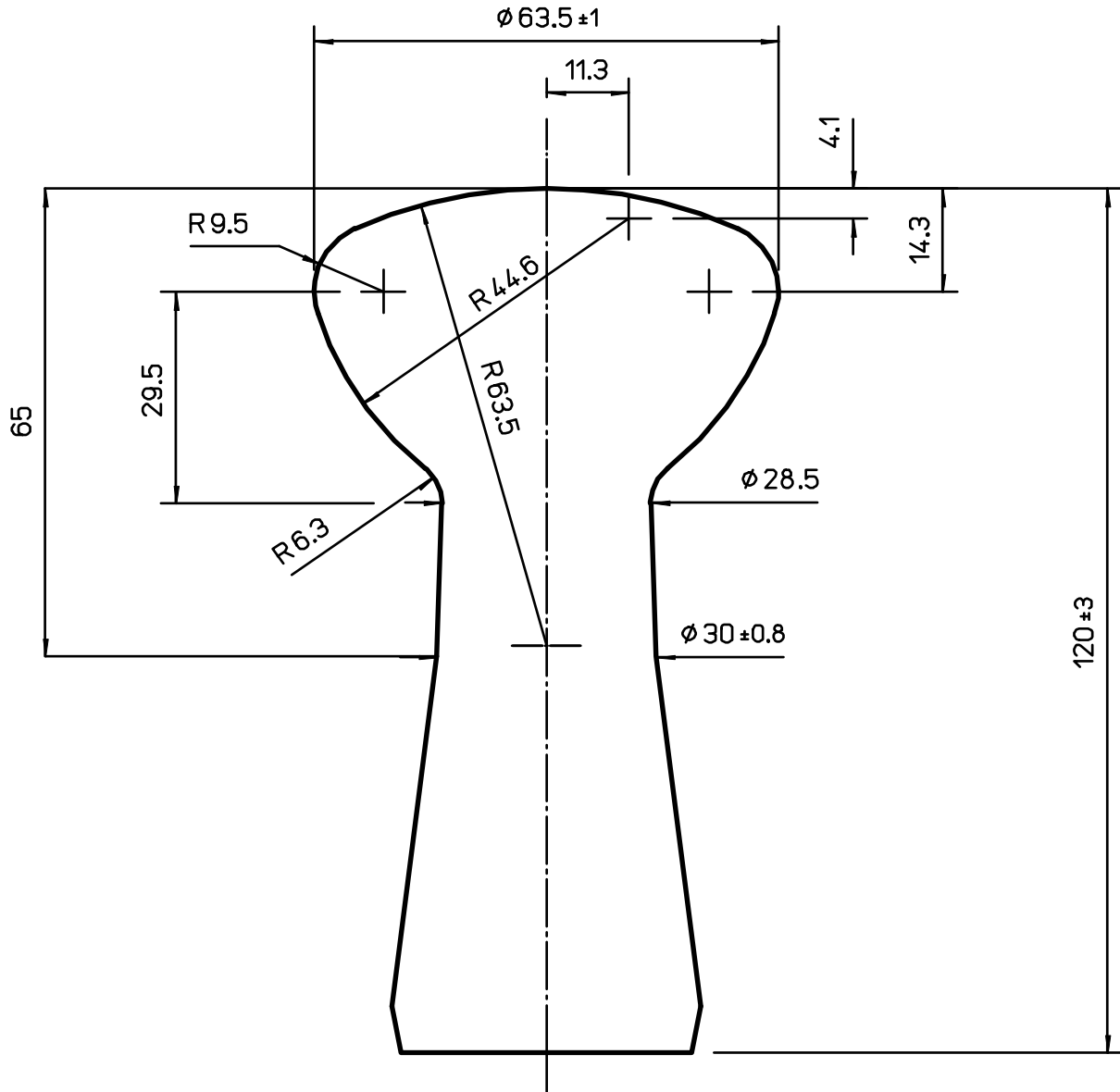
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	25-7-78	NECK MEAS POSN 73 INSTEAD OF 78			FLARE TAPER CHANGED
	2	5-3-88	NECK MEAS POSN 78 NOT 73	3	11-1-91	DIMENSIONS REVIEWED

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<b>RIBBON BULB TYPE</b>	<b>M063.5A</b>	<b>ISSUE DATE</b>	12-DEC-77
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 76 FROM BULB TOP)	.40	TO	.75
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.50	TO	1.30

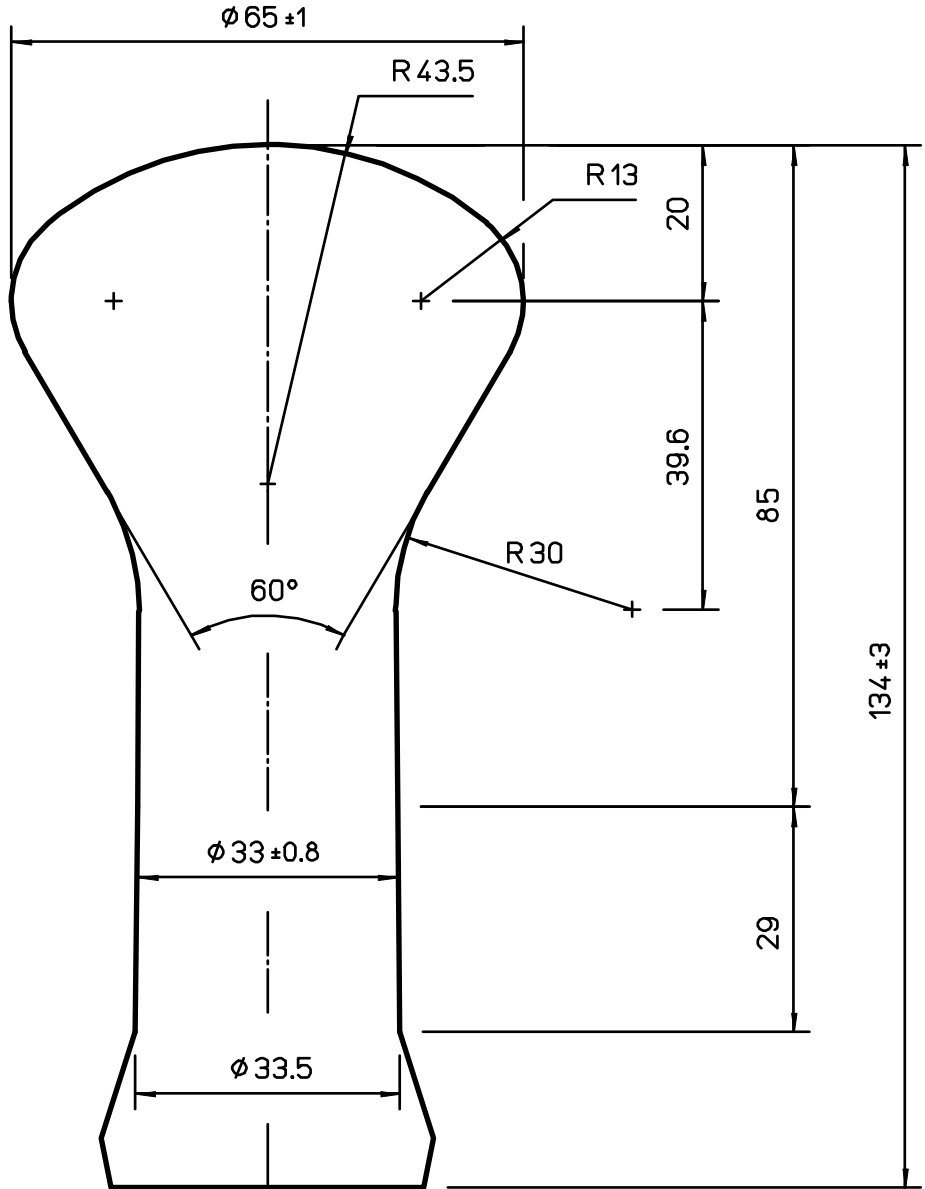
STEM	INSIDE DIAMETER	26.0	MIN	(AT 43.8 FROM TOP)
FLARE	INSIDE DIAMETER	32.1	MIN	OUTSIDE DIAM. 43.9 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	16-JAN-91	DIMENSIONS REVIEWED			
APPROVED BY	2	26-JUL-93	1.30 WAS 1.20 AT TOP			

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<b>RIBBON BULB TYPE</b>	<b>M065</b>	<b>ISSUE DATE</b> 26-Nov-65
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 85 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

STEM	INSIDE DIAMETER	30.6	MIN	
FLARE	INSIDE DIAMETER	32.1	MIN	OUTSIDE DIAM. 43.3 MAX.

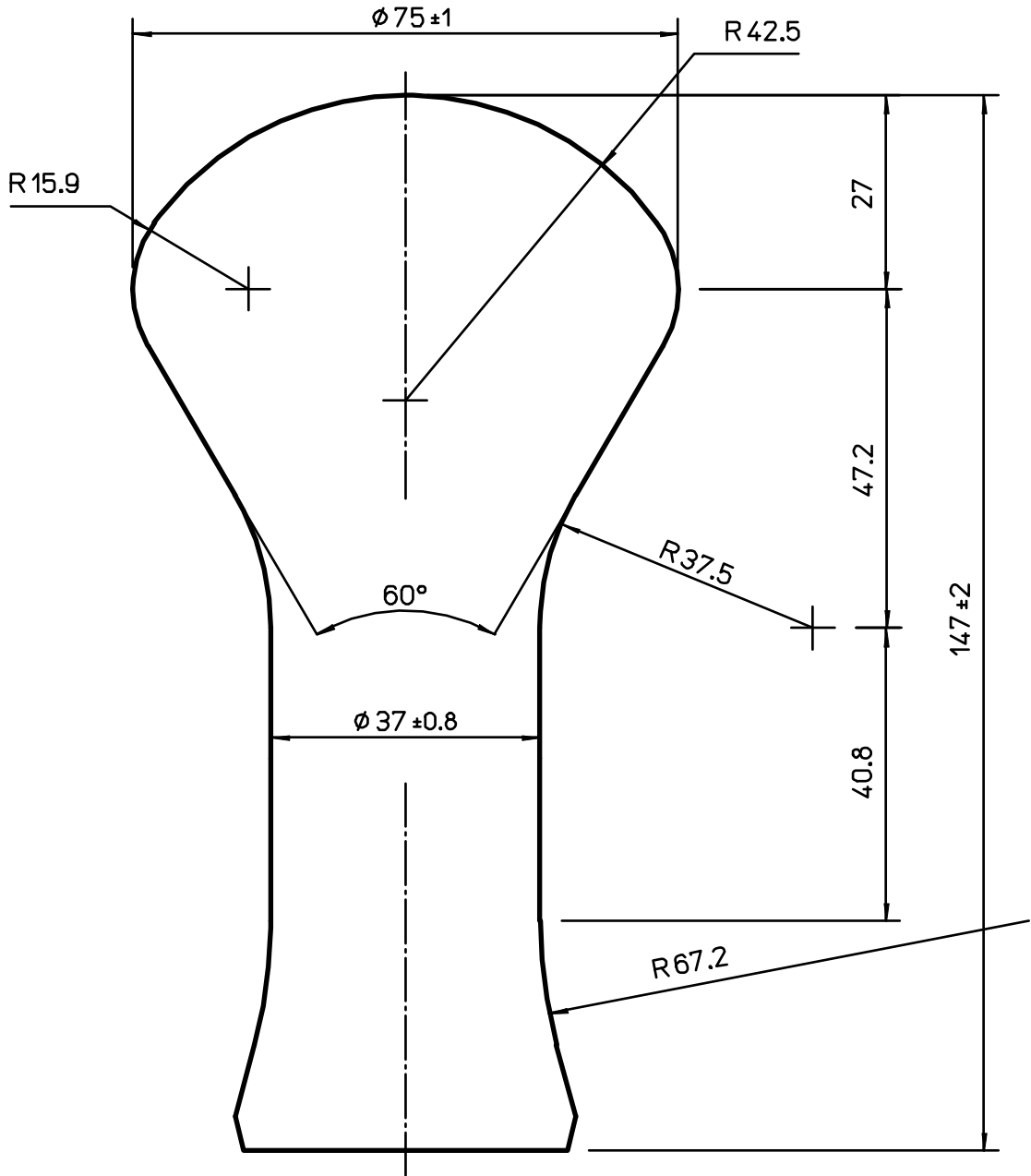
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	26.2.91	DIMENSIONS REVIEWED			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>M075A</b>	<b>ISSUE DATE</b>	<b>6-OCT-69</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 90 FROM BULB TOP)	.38 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

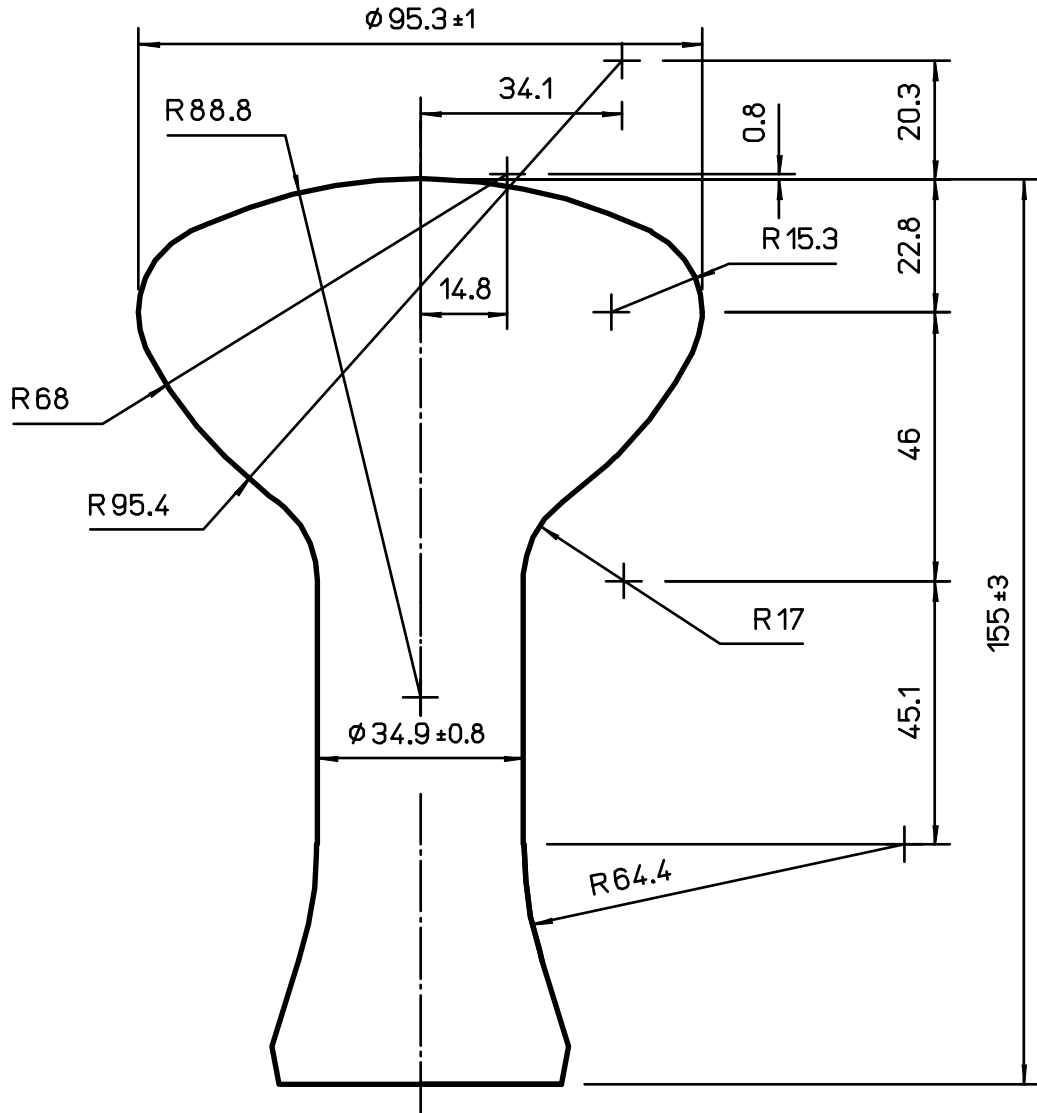
STEM	INSIDE DIAMETER	34.6 MIN
FLARE	INSIDE DIAMETER	36.8 MIN
	OUTSIDE DIAM.	48.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	16-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>M095</b>	<b>ISSUE DATE</b>	<b>3-APR-63</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 100 FROM BULB TOP)	.48 TO 1.09
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	1.00 TO 2.55

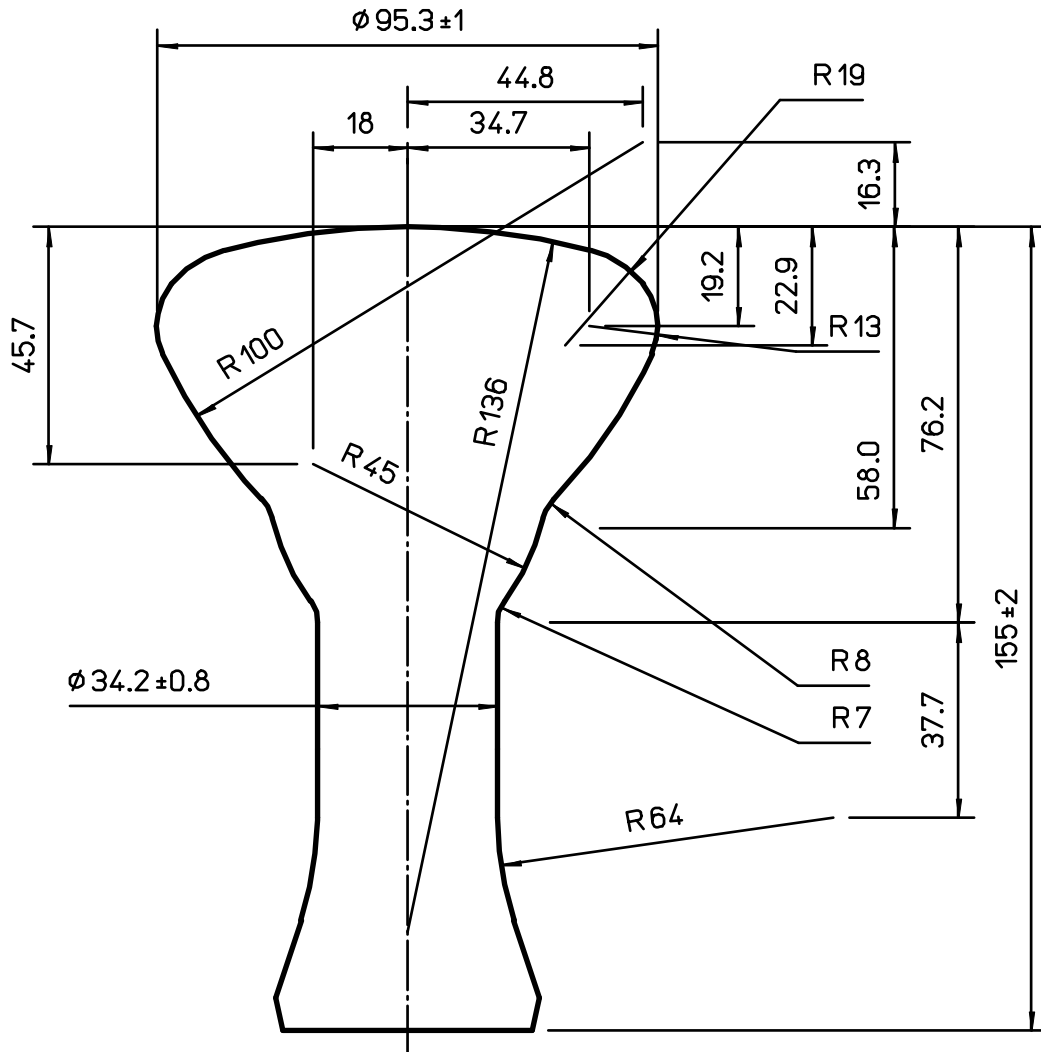
STEM	INSIDE DIAMETER	32.5 MIN	
FLARE	INSIDE DIAMETER	40.0 MIN	OUTSIDE DIAM. 52.0 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	11-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>M095B</b>	<b>ISSUE DATE</b> 5-MAY-97
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**WALL THICKNESS LIMITS & MEASURING POSITION**

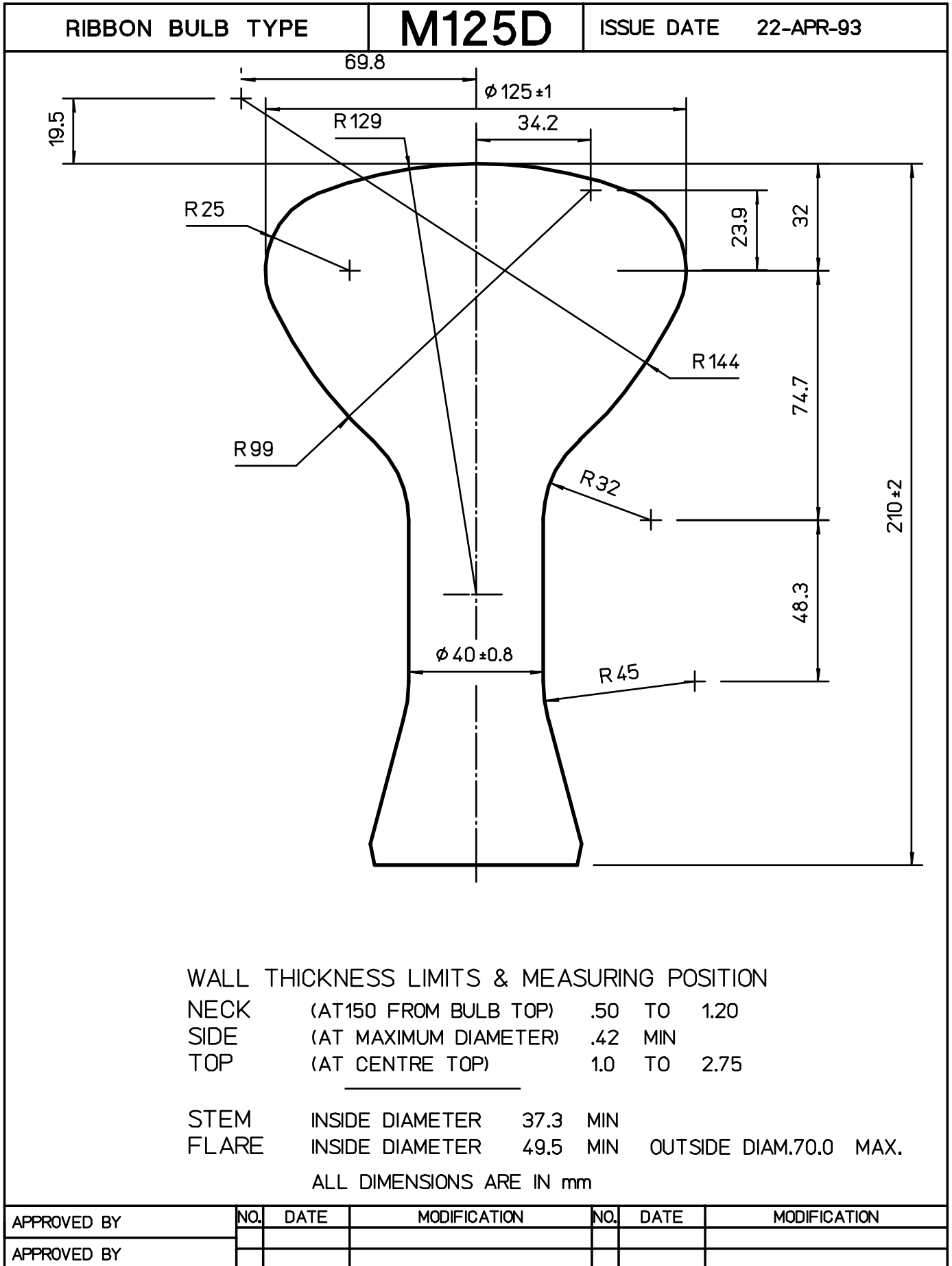
NECK	(AT 100 FROM BULB TOP)	0.45 TO 0.85
SIDE	(AT MAXIMUM DIAMETER)	0.38 MIN.
TOP	(AT CENTRE TOP)	0.80 TO 1.80

STEM	INSIDE DIAMETER	31.8	MIN
FLARE	INSIDE DIAMETER	38.5	MIN
	OUTSIDE DIAM.	52.0	MAX.

ALL DIMENSIONS ARE IN mm

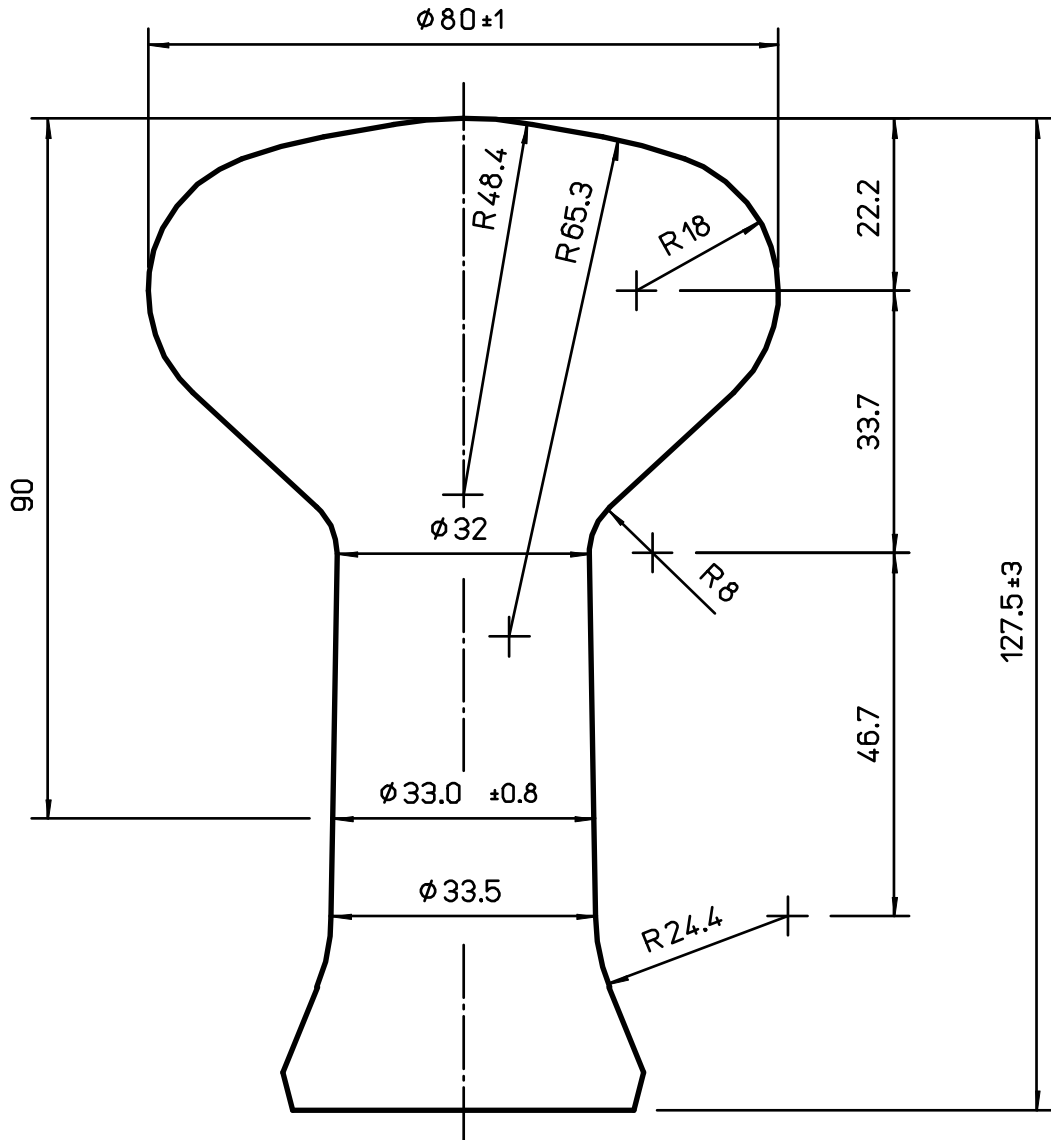
APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>O080A</b>	<b>ISSUE DATE</b>	4-April-91
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 90 FROM BULB TOP)	0.41 TO 0.76
SIDE	(AT MAXIMUM DIAMETER)	0.38 MIN .
TOP	(AT CENTRE TOP)	0.60 TO 1.70

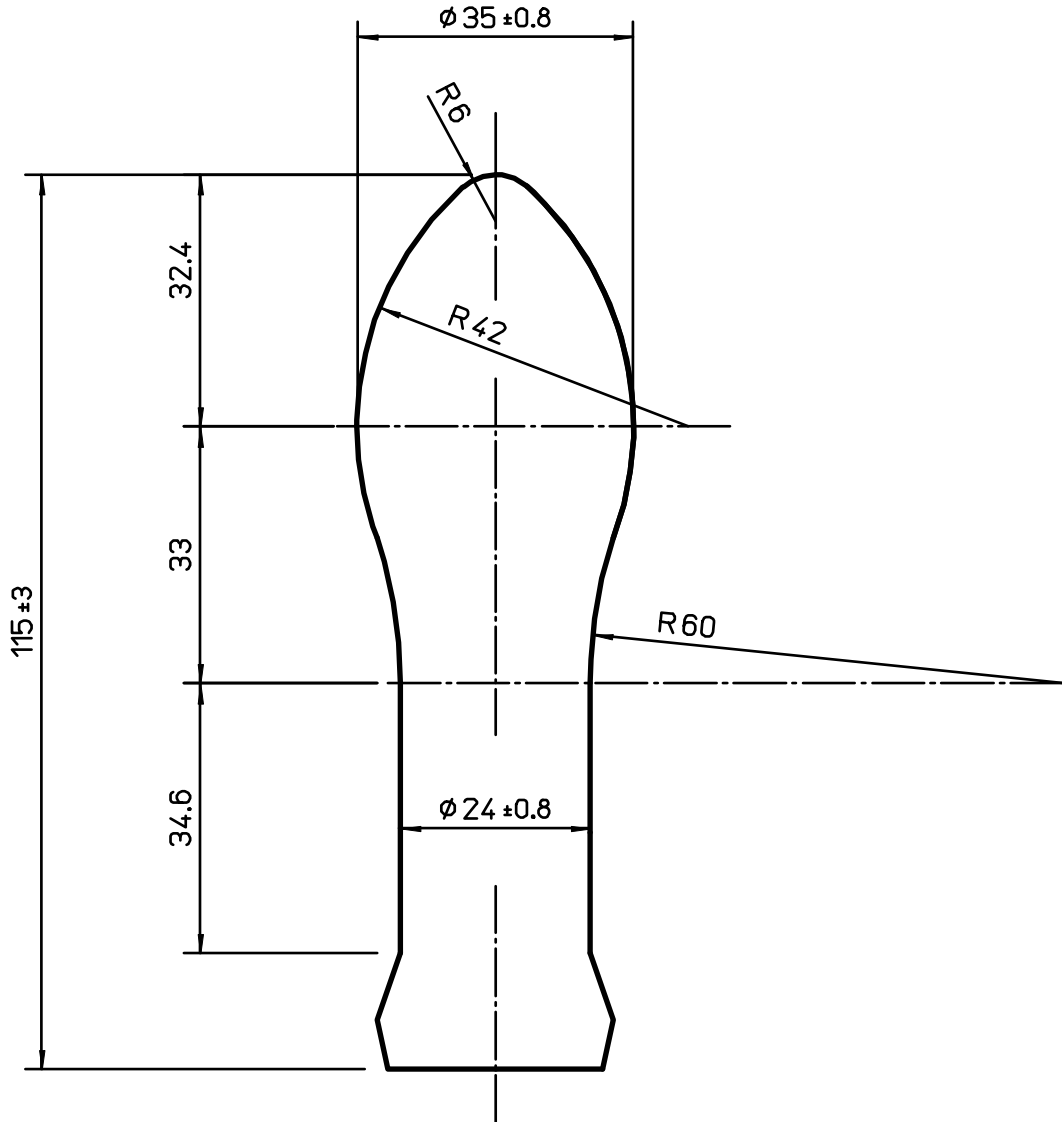
STEM	INSIDE DIAMETER	29.6	MIN	
FLARE	INSIDE DIAMETER	35.6	MIN	OUTSIDE DIAM. 47 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>OC035A</b>	<b>ISSUE DATE</b>	12-Jun-64
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 76 FROM BULB TOP)	.38 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN.
TOP	(AT CENTRE TOP)	.51 TO 1.52

STEM	INSIDE DIAMETER	21.6	MIN		
FLARE	INSIDE DIAMETER	22.1	MIN	OUTSIDE DIA	31.6 MAX

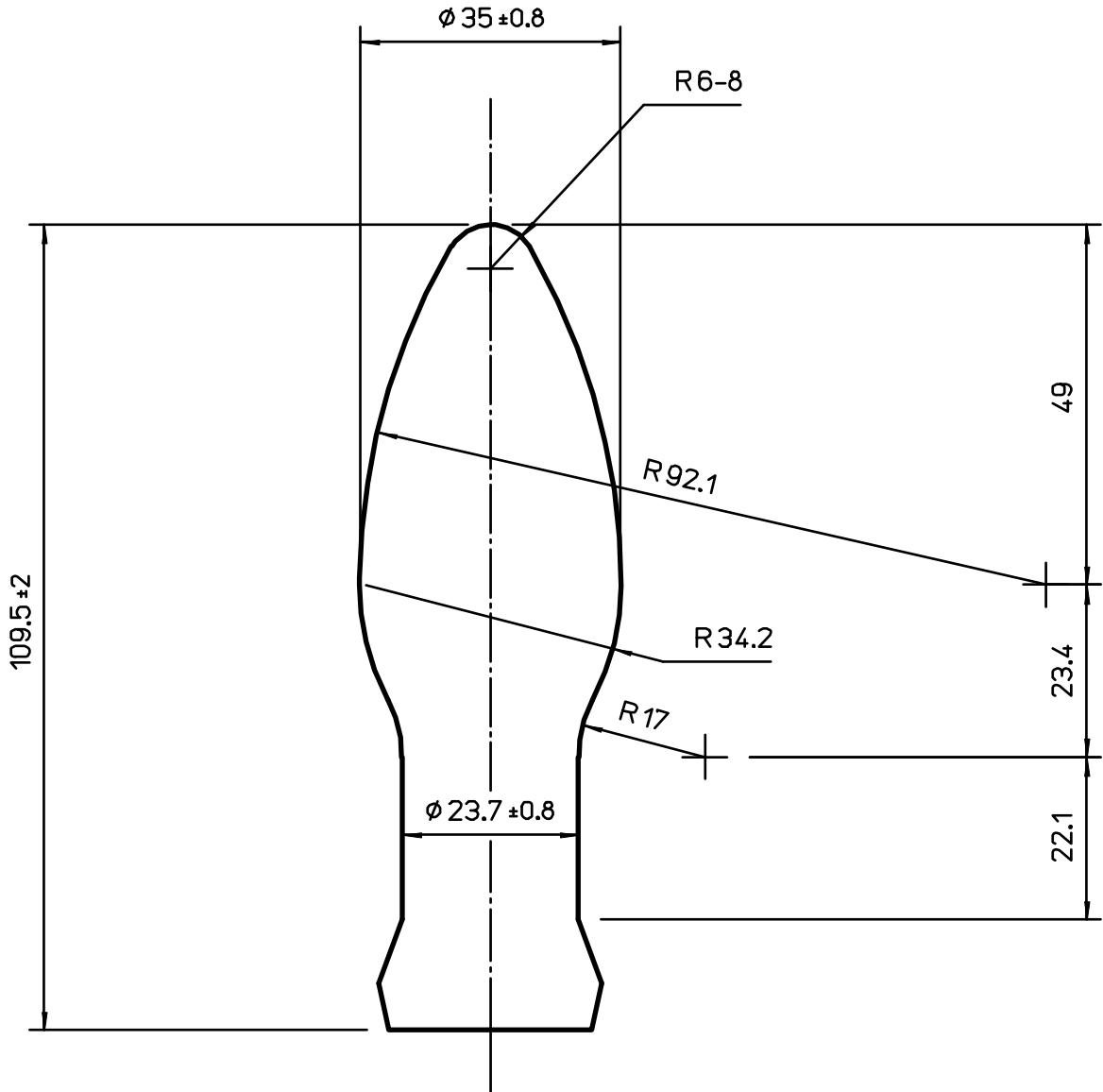
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	8-5-89	FLARE O.D.WAS 30.51			
	2	27.2.91	DIMENSIONS REVIEWED			

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>OC035B</b>	<b>ISSUE DATE</b>	<b>NOV-84</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 78 FROM BULB TOP)	.40 TO .75
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN
TOP	(AT CENTRE TOP)	.40 TO 1.20

STEM	INSIDE DIAMETER	21.3	MIN	
FLARE	INSIDE DIAMETER	22.1	MIN	OUTSIDE DIAM.31.6 MAX.

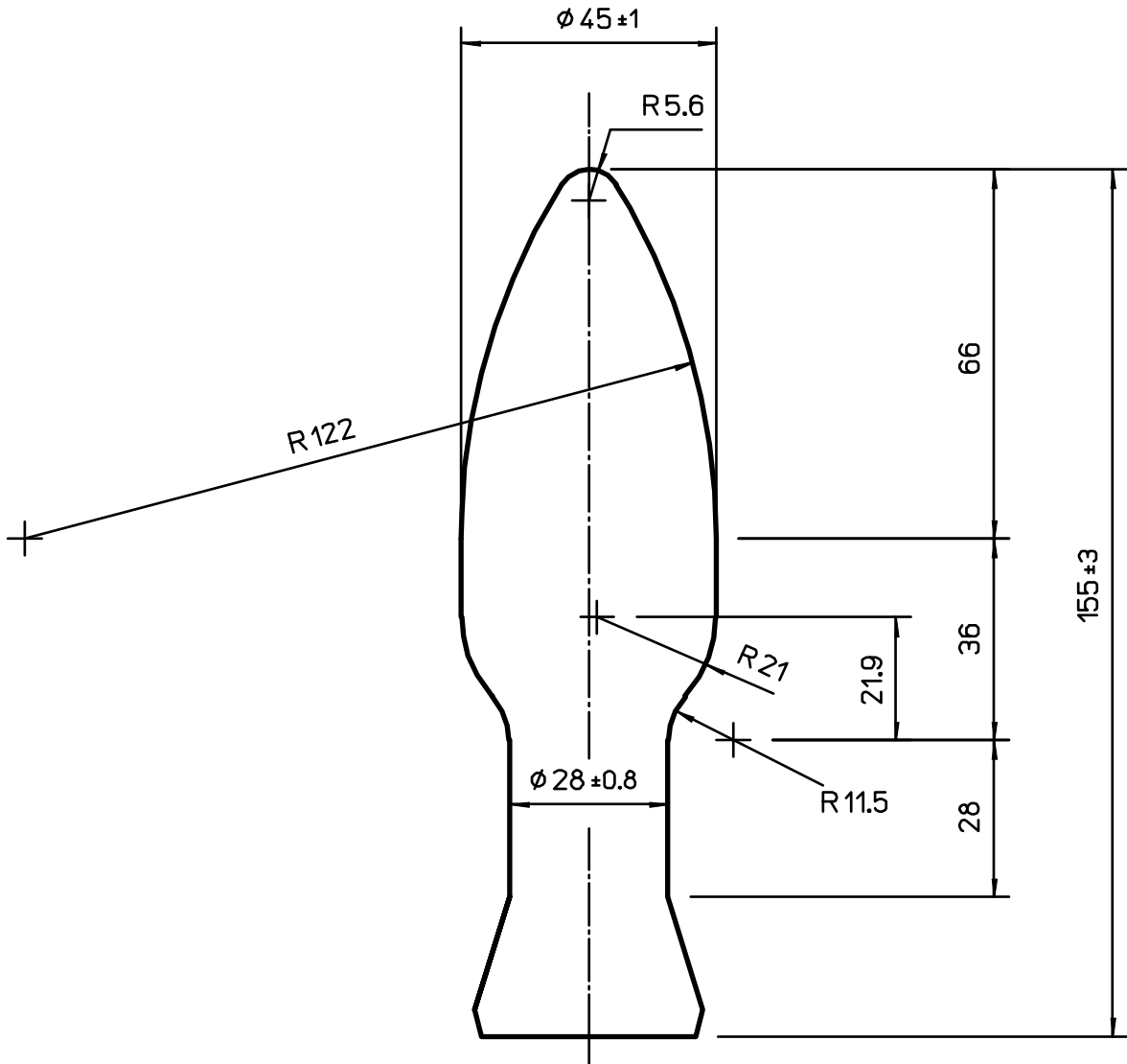
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	17-12-90	DIMENSIONS REVIEWED			

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>OC045</b>	<b>ISSUE DATE</b>	4-MAR-56
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 114 FROM BULB TOP)	.38	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.30	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.32

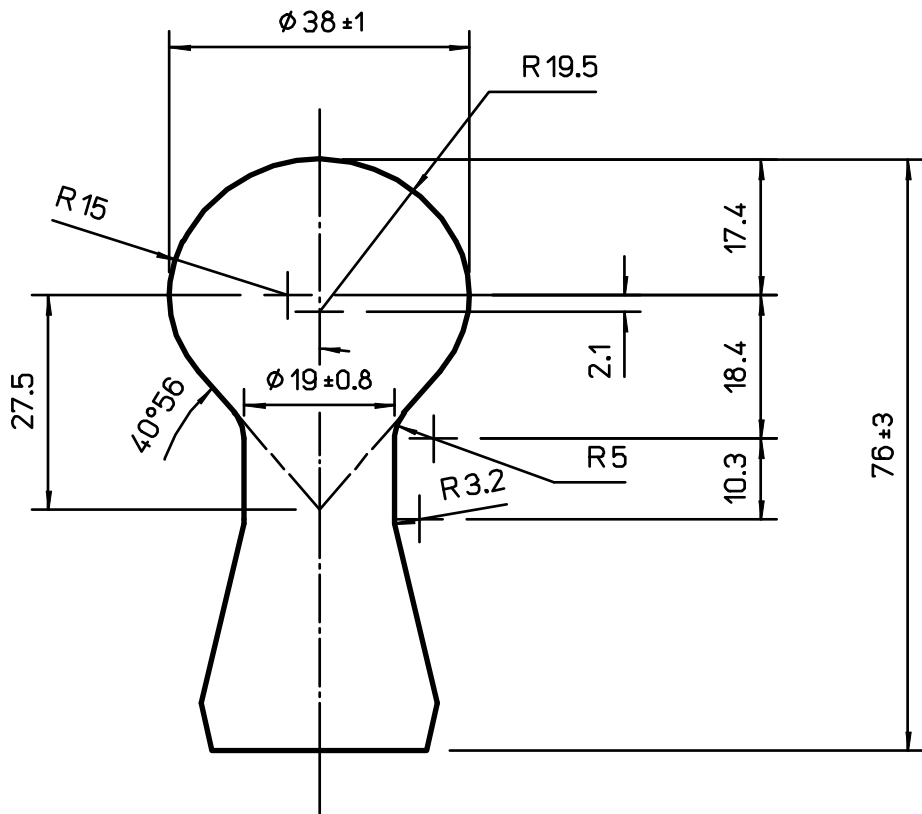
STEM	INSIDE DIAMETER	25.6	MIN	
FLARE	INSIDE DIAMETER	32.0	MIN	OUTSIDE DIAM. 41.4 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	20-3-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS038</b>	<b>ISSUE DATE</b> 24-may-50
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 41 FROM BULB TOP)	.41 TO .84
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN
TOP	(AT CENTRE TOP)	.38 TO 1.27

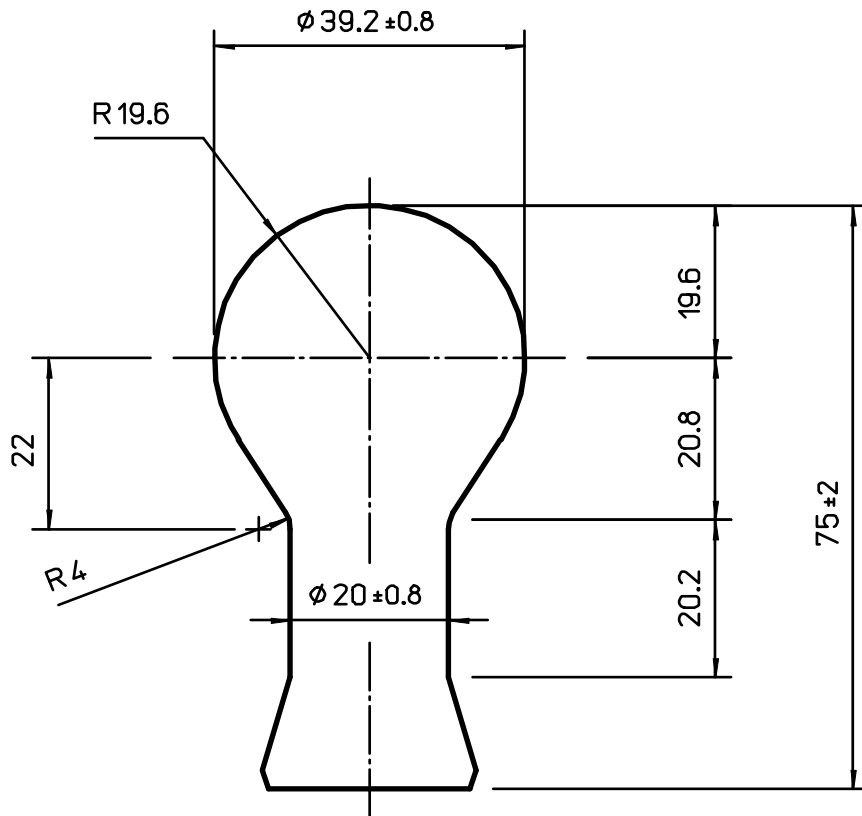
STEM	INSIDE DIAMETER	16.6	MIN
FLARE	INSIDE DIAMETER	22.1	MIN
	OUTSIDE DIAM.	30.5	MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	16-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS040</b>	<b>ISSUE DATE</b> 5-JAN-67
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 50 FROM BULB TOP)	.41	TO	.84
SIDE	(AT MAXIMUM DIAMETER)	.30	MIN	
TOP	(AT CENTRE TOP)	.38	TO	1.27

STEM	INSIDE DIAMETER	17.6	MIN	
FLARE	INSIDE DIAMETER	19.7	MIN	OUTSIDE DIAM. 28.0 MAX.

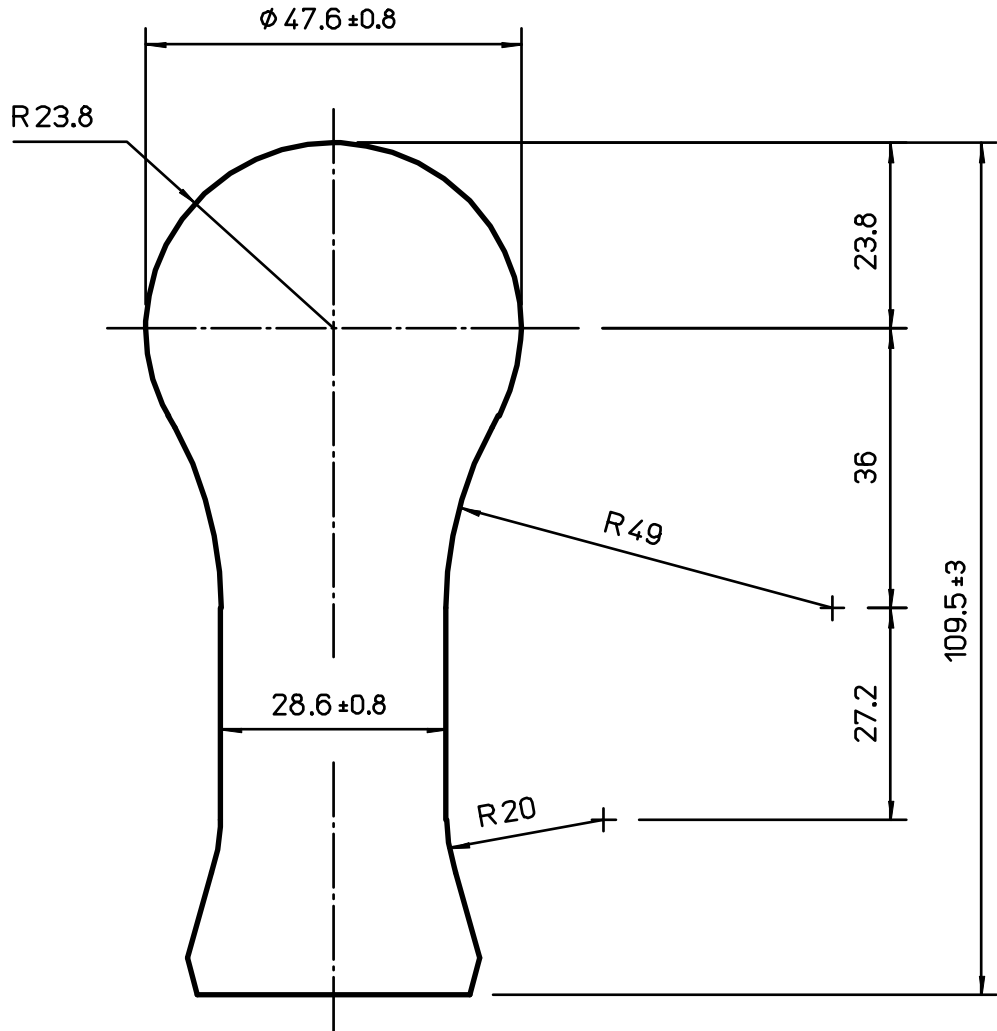
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	20-3-91	DIMENSIONS REVIEWED			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>PS048</b>	<b>ISSUE DATE</b> 21-Jun-93
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 67 FROM BULB TOP)	.38	TO	.66
SIDE	(AT MAXIMUM DIAMETER)	.38	max	
TOP	(AT CENTRE TOP)	.51	TO	1.52

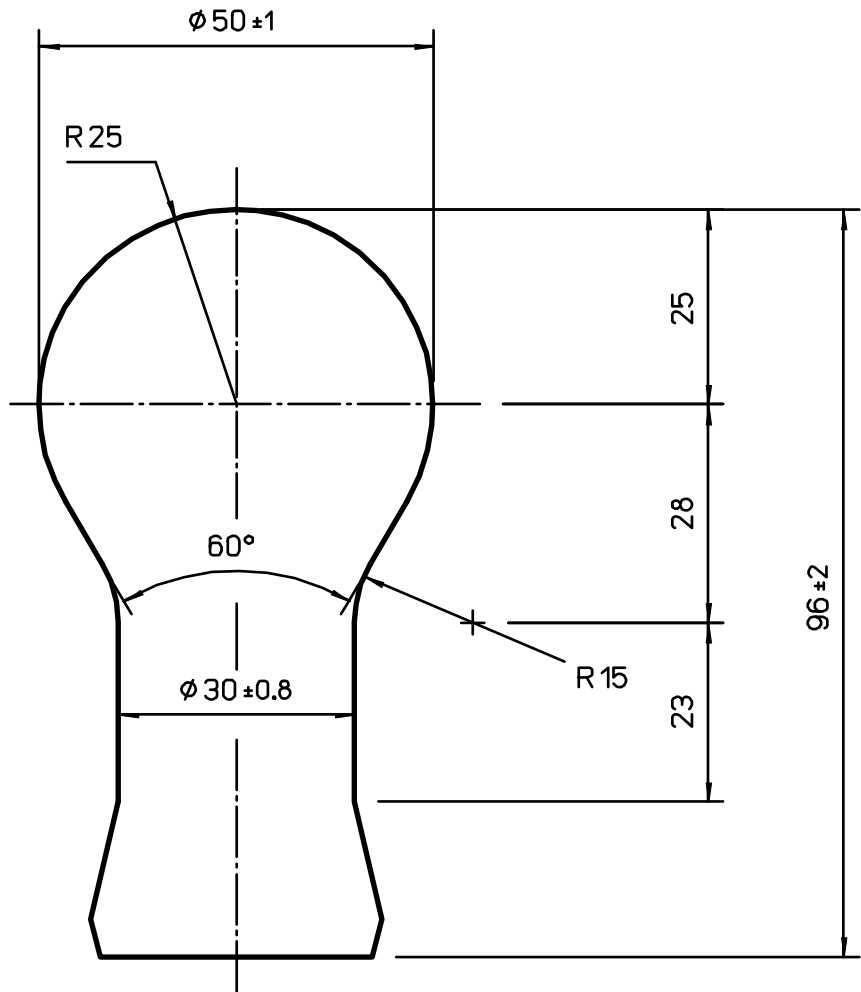
STEM	INSIDE DIAMETER	26.2	MIN	
FLARE	INSIDE DIAMETER	28.8	MIN	OUTSIDE DIAM. 38.1 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	8-SEP-93	R20 & CH WAS R18.14			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>PS050</b>	<b>ISSUE DATE</b> 6-NOV-52
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 60 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

STEM	INSIDE DIAMETER	27.6	MIN	
FLARE	INSIDE DIAMETER	28.8	MIN	OUTSIDE DIAM. 38.1 MAX.

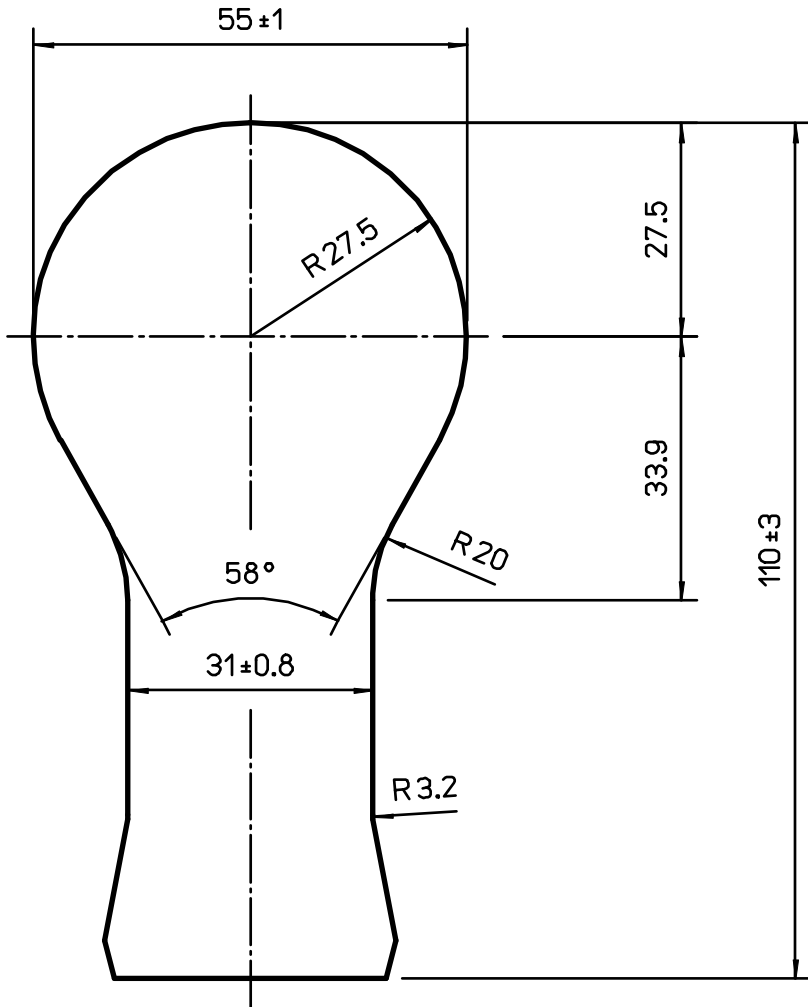
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	20-3-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS055</b>	<b>ISSUE DATE</b> 11-Nov-96
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 71 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

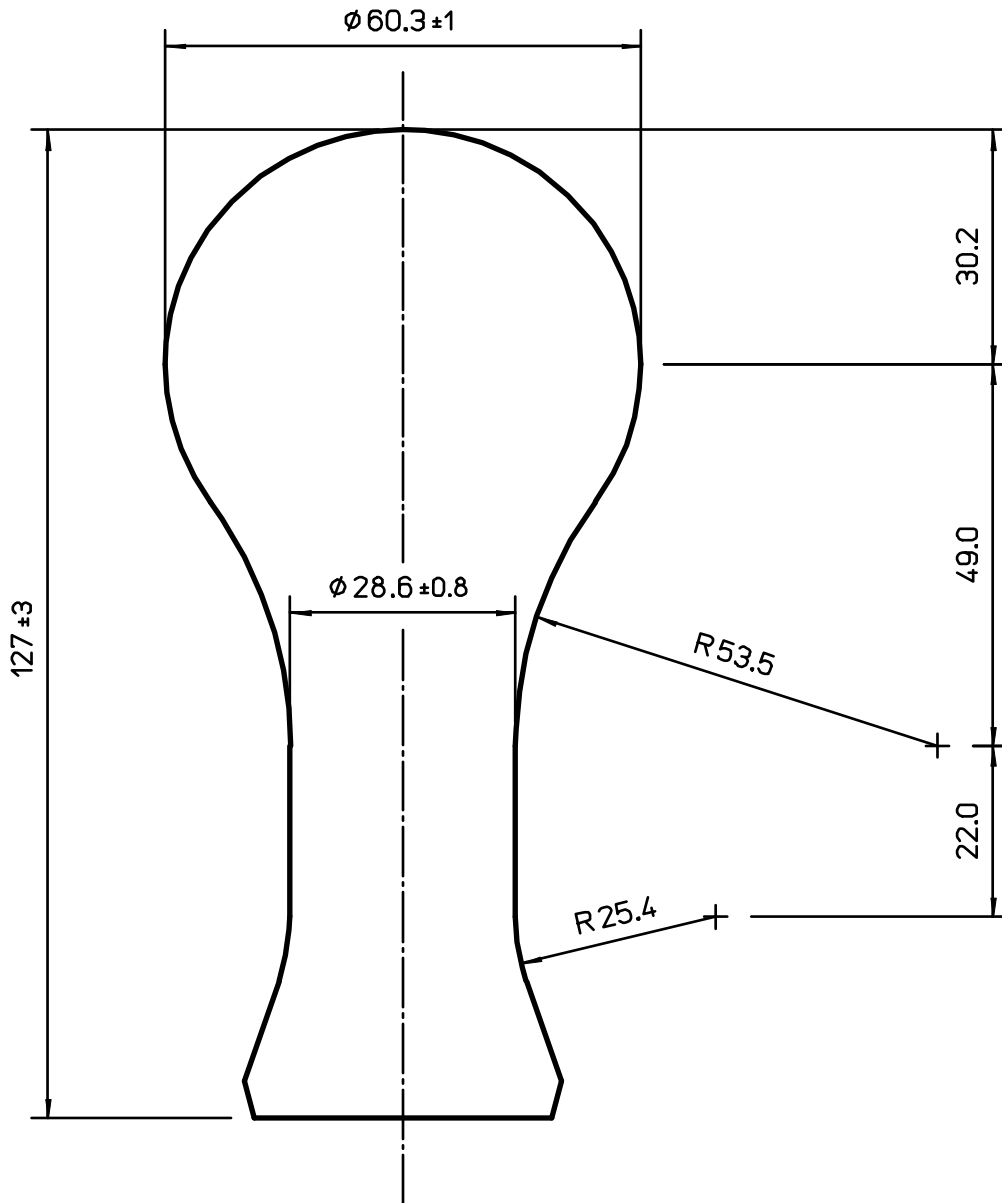
STEM	INSIDE DIAMETER	28.6	MIN	
FLARE	INSIDE DIAMETER	28.8	MIN	OUTSIDE DIAM. 38.1 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	11-NOV-96	DRAWN ON CAD			

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<b>RIBBON BULB TYPE</b>	<b>PS060B</b>	<b>ISSUE DATE</b> 2-Nov-67
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 90 FROM BULB TOP)	0.35 TO	0.69
SIDE	(AT MAXIMUM DIAMETER)	0.35 MIN	
TOP	(AT CENTRE TOP)	0.48 TO	1.48

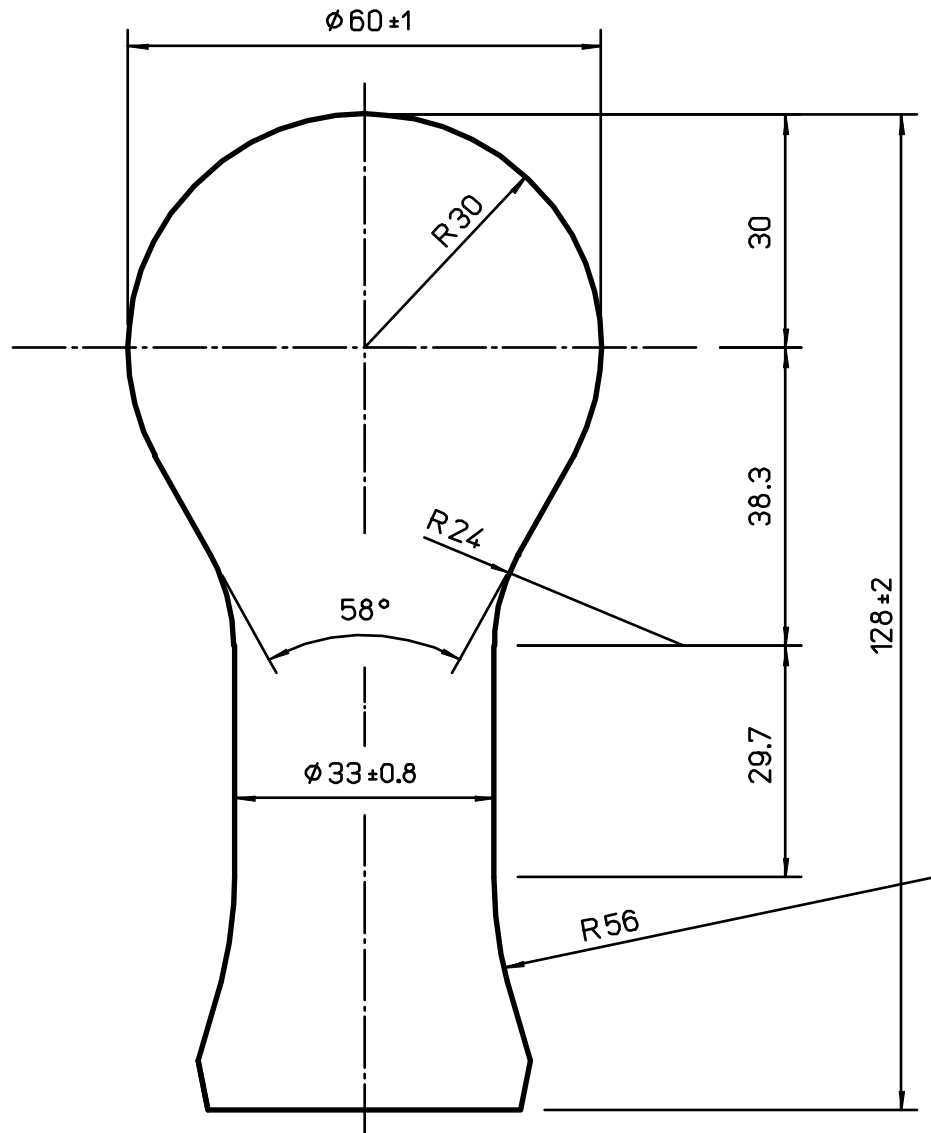
STEM	INSIDE DIAMETER	26.2	MIN	
FLARE	INSIDE DIAMETER	32.0	MIN	OUTSIDE DIAM. 42.3 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	27-JAN-93	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS060D</b>	<b>ISSUE DATE 9-MAR-72</b>
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### WALL THICKNESS LIMITS & MEASURING POSITION

NECK	(AT 85 FROM BULB TOP)	.38 TO .68
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

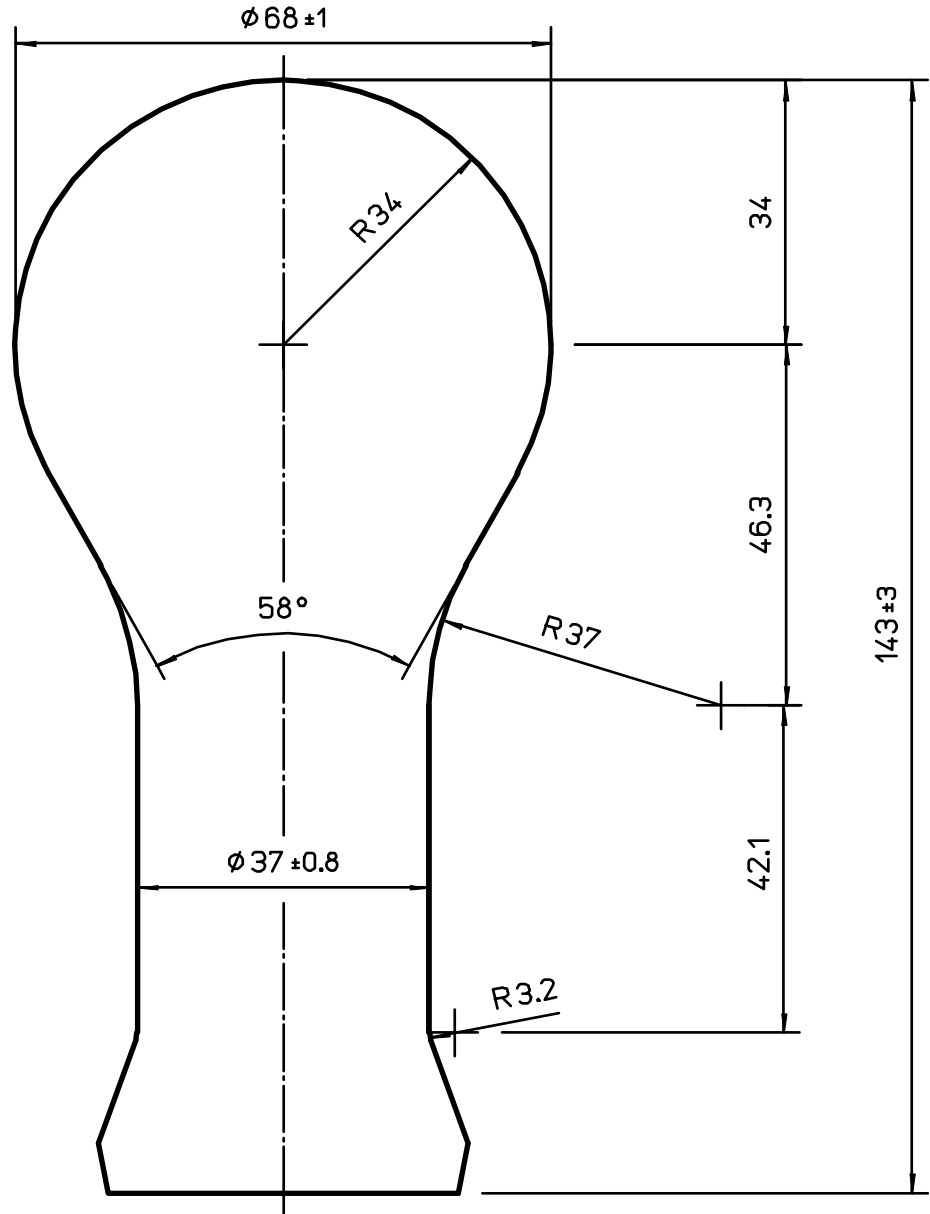
STEM	INSIDE DIAMETER	30.6 MIN	
FLARE	INSIDE DIAMETER	32.1 MIN	OUTSIDE DIAM 43.3 MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	8-1-73	SEALING IN LINES REMOVED	3	6-8-92	NECK MEAS POS WAS 78
	2	17-12-90	DIMENSIONS REVIEWED	4	26.1.04	NECK DIMN WERE .41 AND .76

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<b>RIBBON BULB TYPE</b>	<b>PS068</b>	ISSUE DATE <b>16-Sep-53</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 104 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	51	TO	1.52

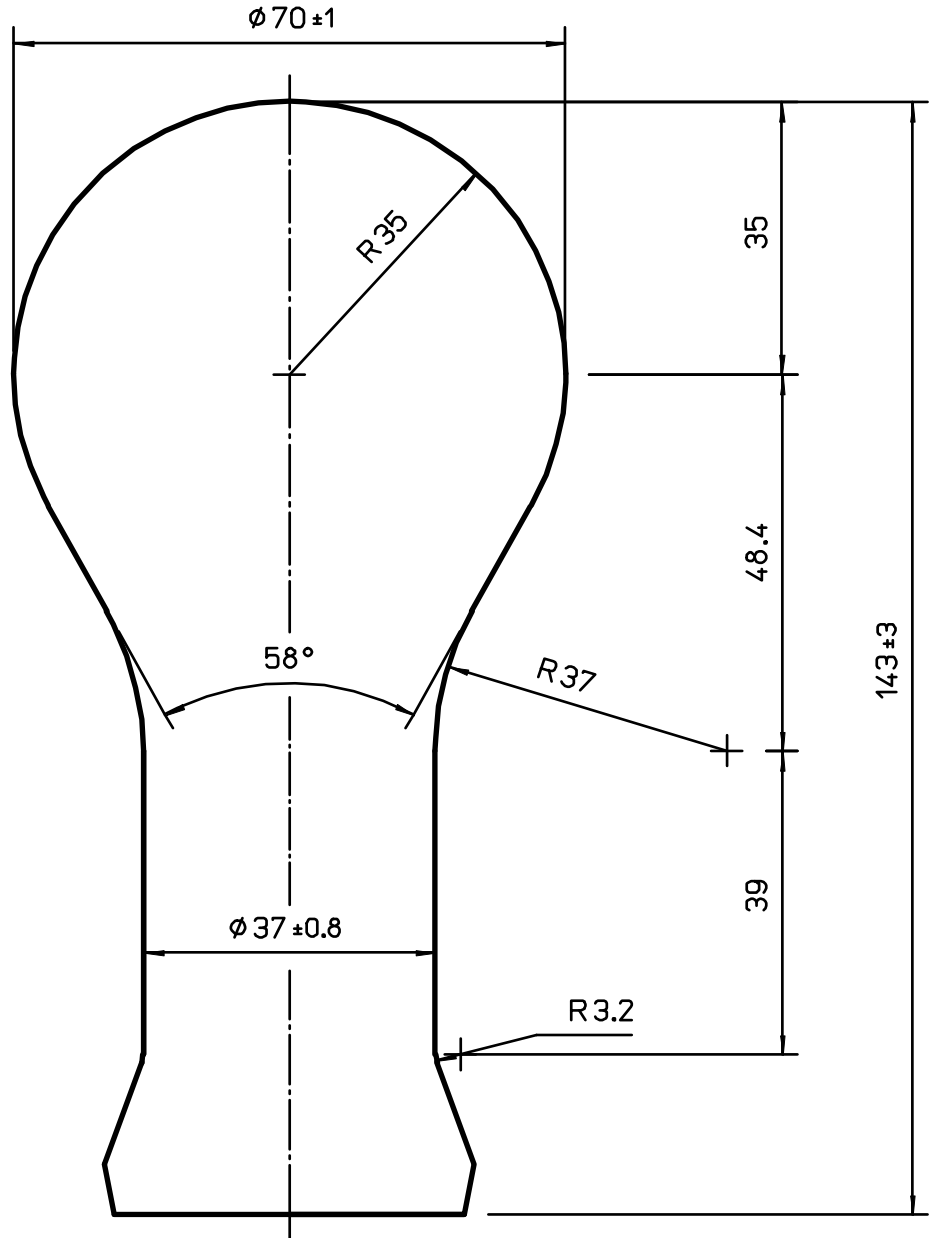
STEM	INSIDE DIAMETER	34.6	MIN	
FLARE	INSIDE DIAMETER	36.8	MIN	OUTSIDE DIAM. 48.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	11-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS070</b>	<b>ISSUE DATE</b>	17-FEB-50
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 104 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

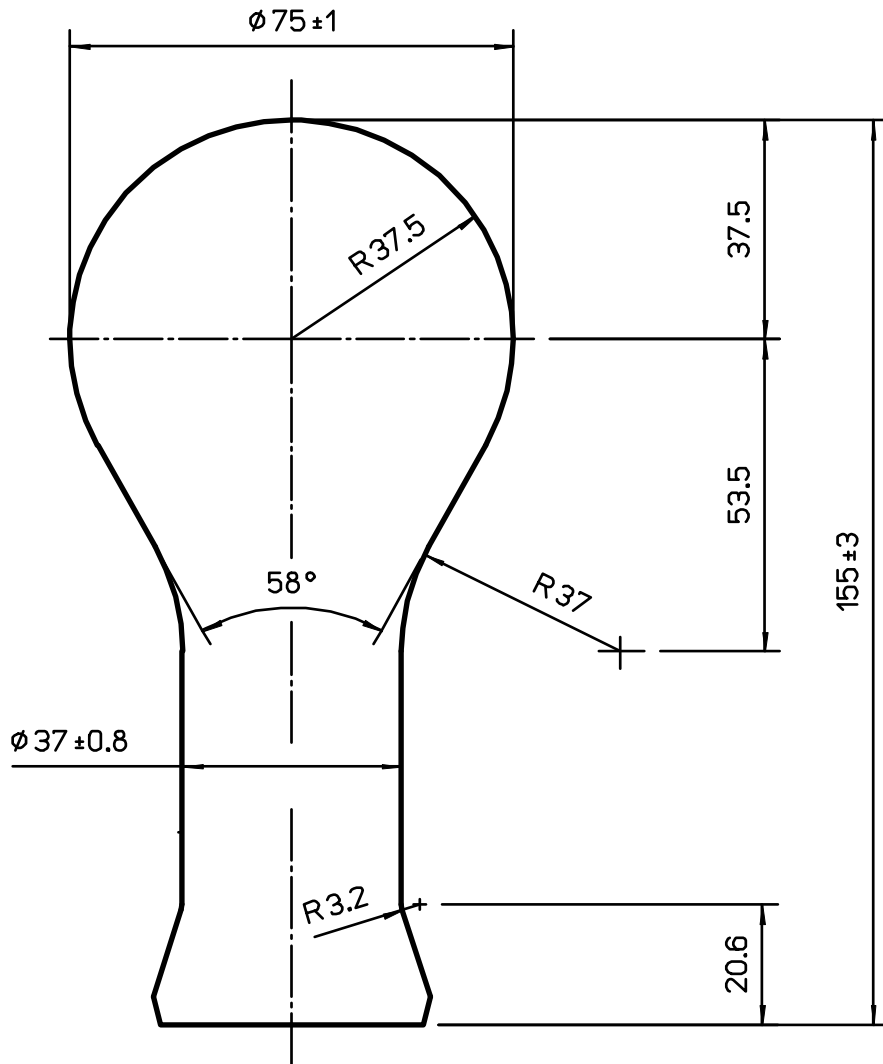
STEM	INSIDE DIAMETER	34.6 MIN	
FLARE	INSIDE DIAMETER	36.8 MIN	OUTSIDE DIAM. 48.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	5-2-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>PS075</b>	<b>ISSUE DATE</b> 17-FEB-50
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 116 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

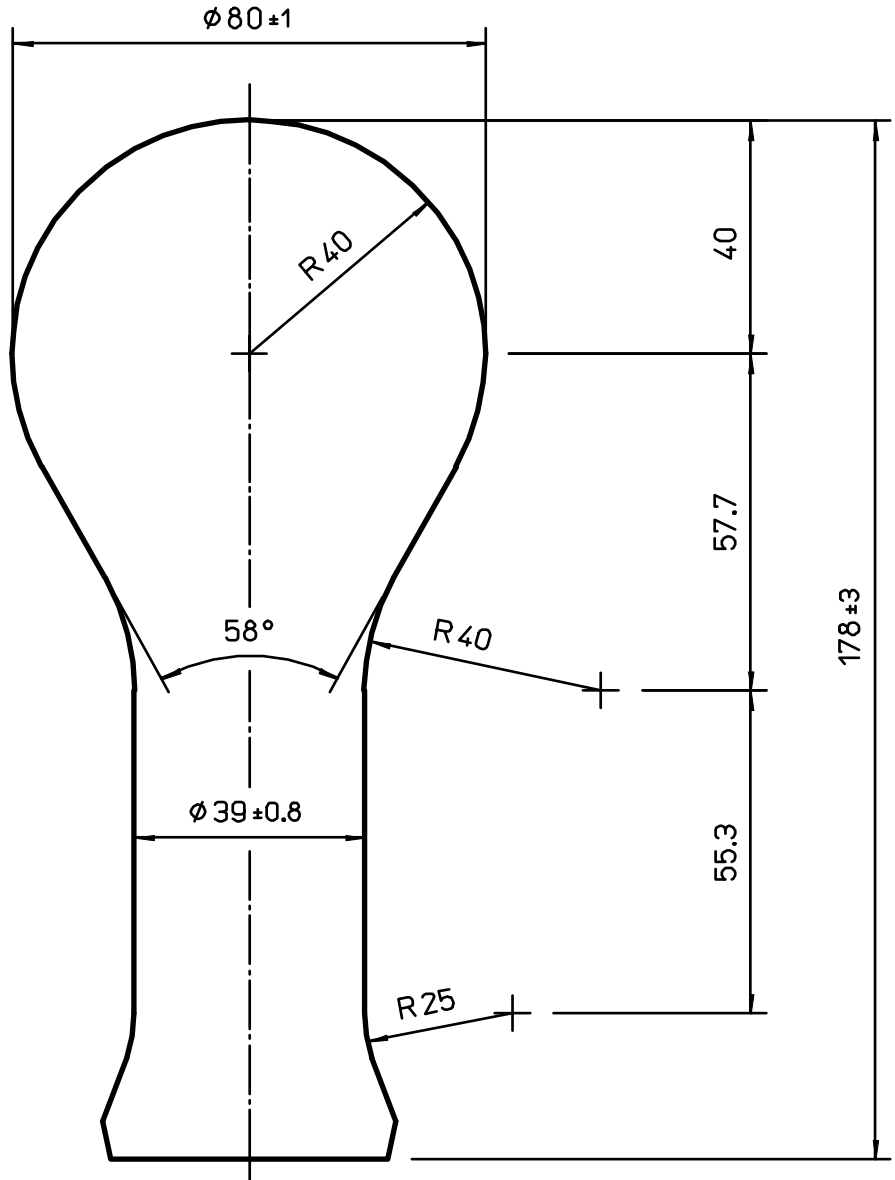
STEM	INSIDE DIAMETER	34.6 MIN	
FLARE	INSIDE DIAMETER	36.8 MIN	OUTSIDE DIAM. 48.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	24-11-98	REDRAWN ON CAD			

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<b>RIBBON BULB TYPE</b>	<b>PS080A</b>	ISSUE DATE <b>21-JUL-53</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 129 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

STEM	INSIDE DIAMETER	36.6	MIN	
FLARE	INSIDE DIAMETER	36.8	MIN	OUTSIDE DIAM. 50.9 MAX.

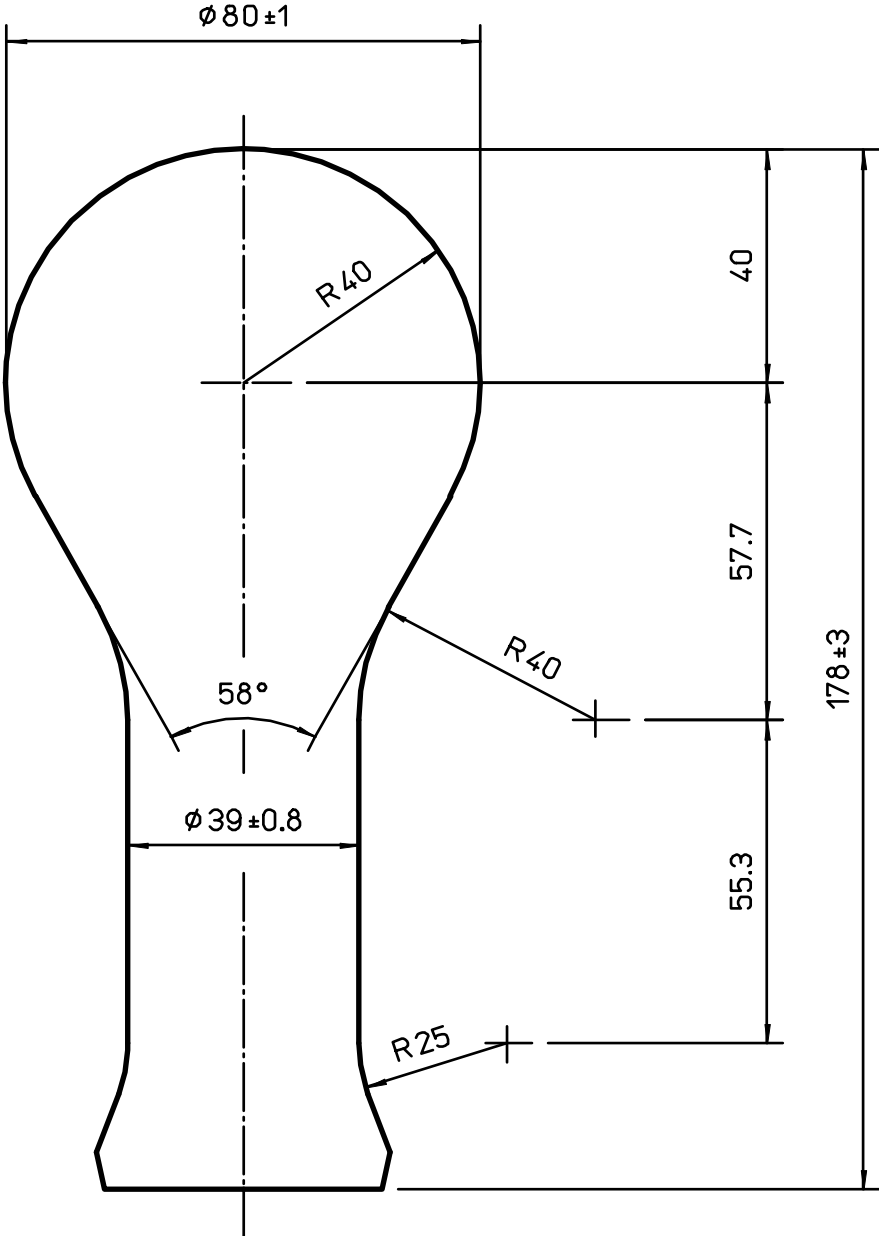
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	17-4-68	NECK MEASURE WAS 139			
	2	11-1-91	DIMENSIONS REVIEWED			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>PS080B</b>	<b>ISSUE DATE</b>	<b>7-FEB-95</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 129 FROM BULB TOP)	.58	TO	.95
SIDE	(AT MAXIMUM DIAMETER)	.36	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52
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STEM	INSIDE DIAMETER	35.6	MIN	
FLARE	INSIDE DIAMETER	36.8	MIN	OUTSIDE DIAM. 50.9 MAX.

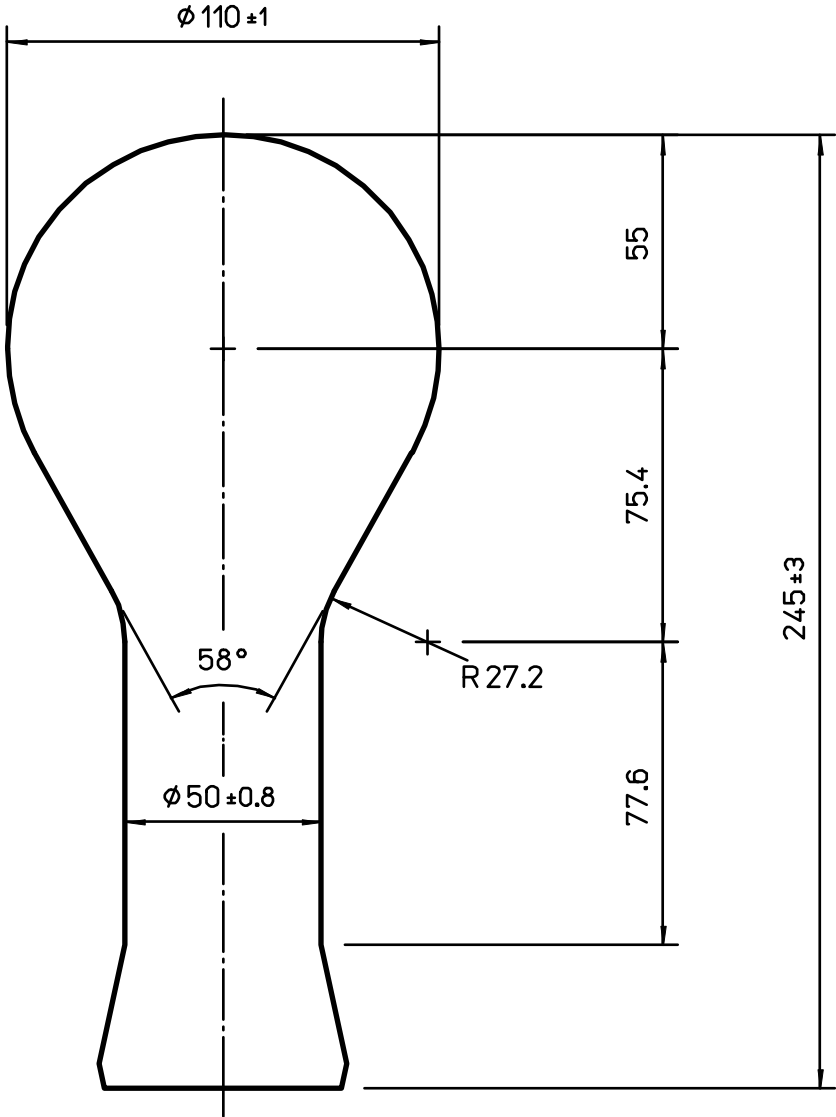
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	24-11-98	REDRAWN ON CAD			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>PS110</b>	<b>ISSUE DATE</b>	2-NOV-60
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 170 FROM BULB TOP)	.46	TO	.91
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.89	TO	2.41

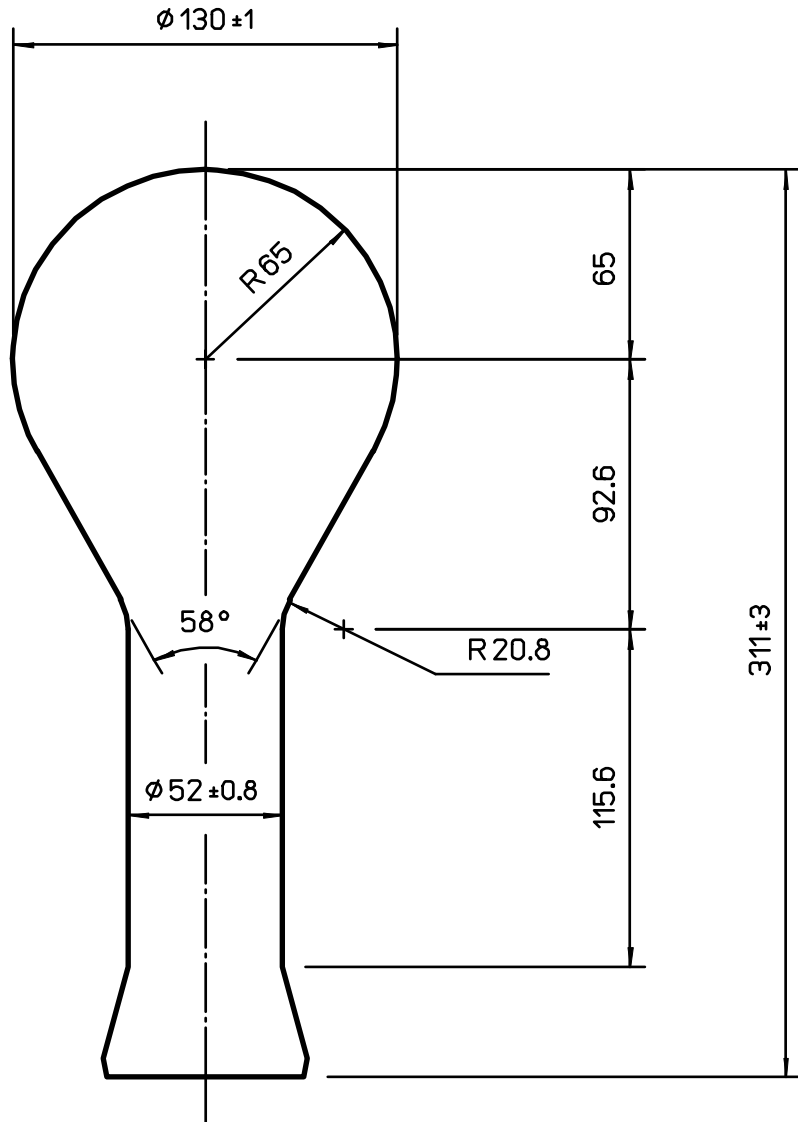
STEM	INSIDE DIAMETER	47.5	MIN	
FLARE	INSIDE DIAMETER	49.5	MIN	OUTSIDE DIAM. 66.0 MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	5-2-91	DIMENSIONS REVIEWED			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>PS130A</b>	<b>ISSUE DATE</b> 18-OCT-71
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 197 FROM BULB TOP)	.56	TO	1.14
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.89	TO	2.41

STEM	INSIDE DIAMETER	47.5	MIN	
FLARE	INSIDE DIAMETER	52.7	MIN	OUTSIDE DIAM. 71.3 MAX

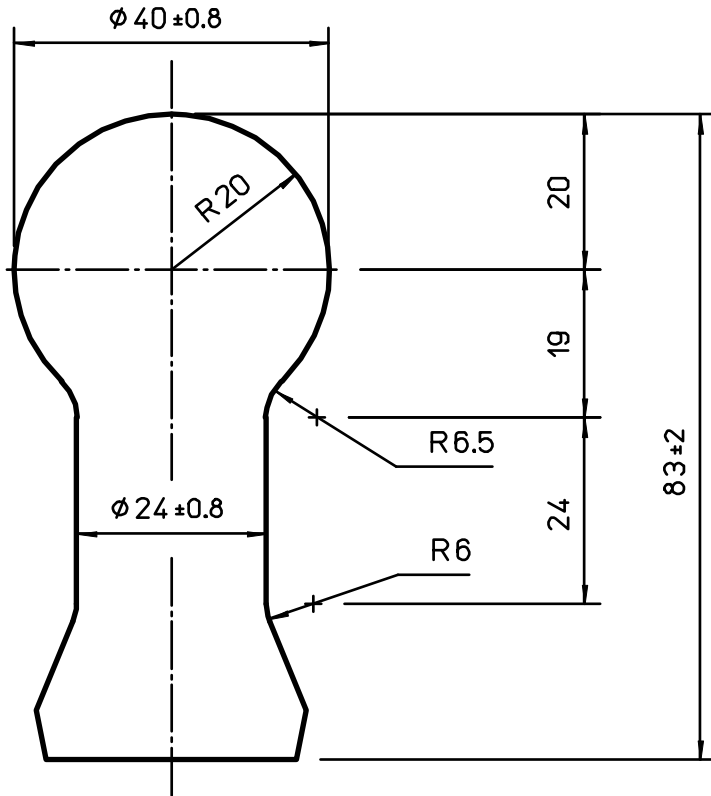
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	11-6-74	FLARE O/D WAS 70.00			
	2	5-2-91	DIMENSIONS REVIEWED			

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>R040</b>	<b>ISSUE DATE</b>	4-DEC-57
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### WALL THICKNESS LIMITS & MEASURING POSITION

NECK	(AT 51 FROM BULB TOP)	.41	TO	.84
SIDE	(AT MAXIMUM DIAMETER)	.30	MIN	
TOP	(AT CENTRE TOP)	.38	TO	1.27

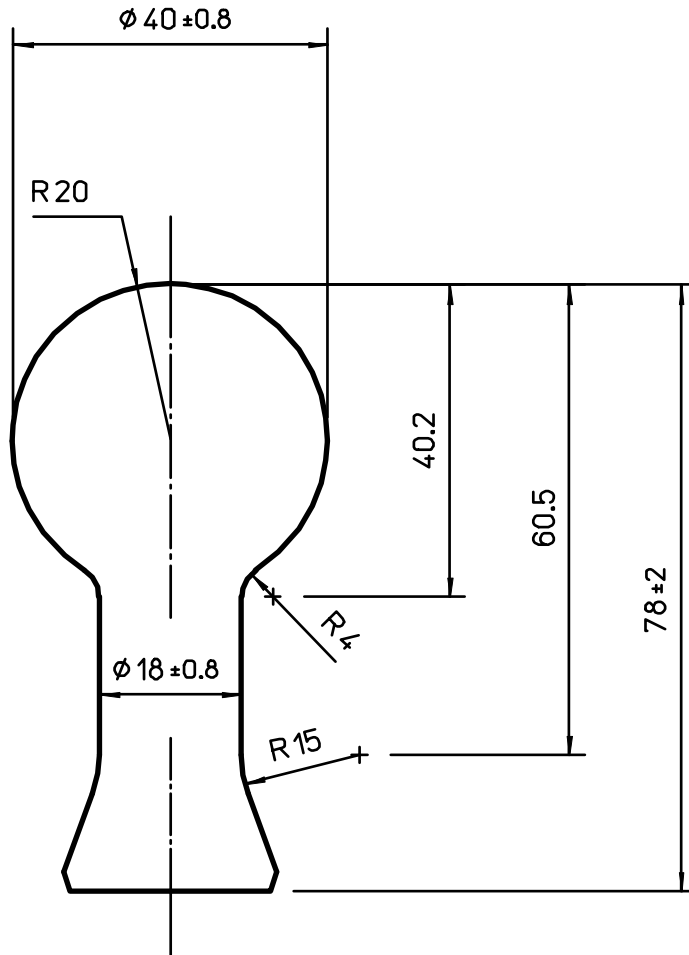
STEM	INSIDE DIAMETER	21.6	MIN	
FLARE	INSIDE DIAMETER	26.9	MIN	OUTSIDE DIAM. 35.6 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	19-3-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>R040D</b>	<b>ISSUE DATE</b> 10-Mar-71
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 50 FROM BULB TOP)	.41	TO	.84
SIDE	(AT MAXIMUM DIAMETER)	.30	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.53

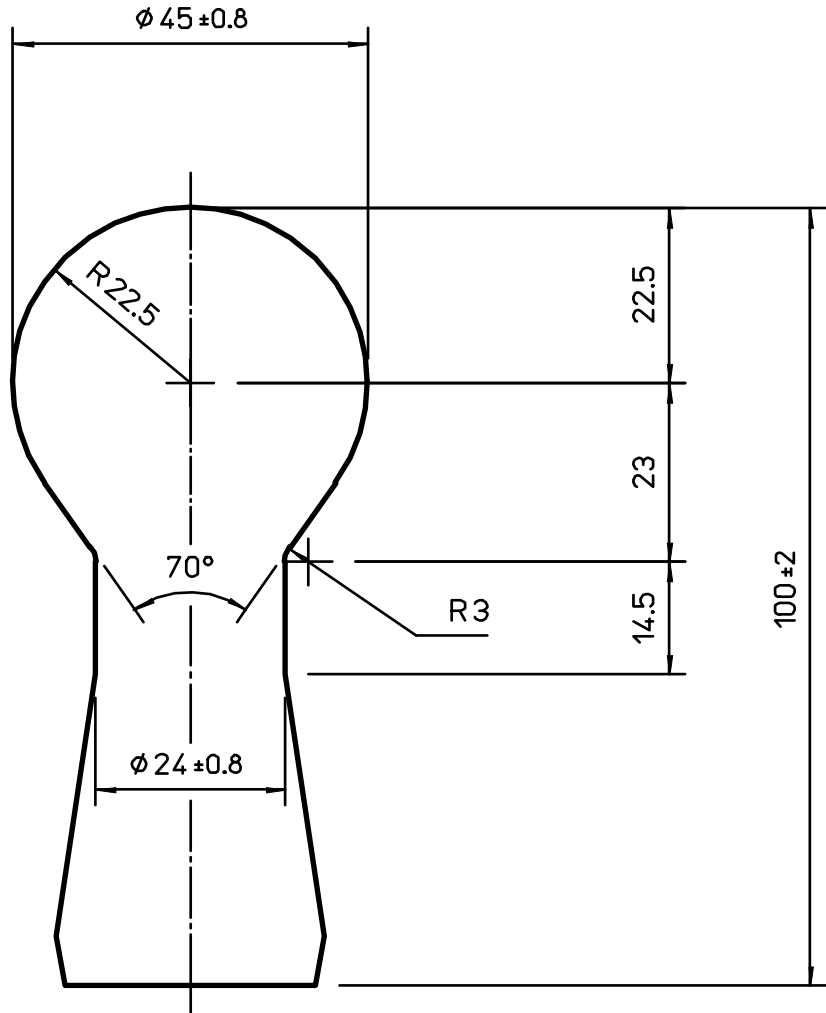
STEM	INSIDE DIAMETER	15.9	MIN	
FLARE	INSIDE DIAMETER	19.7	MIN	OUTSIDE DIAM. 28.3 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>R045E</b>	ISSUE DATE <b>25-JUN-75</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 53 FROM BULB TOP)	.41 TO .75
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN
TOP	(AT CENTRE TOP)	.40 TO 1.20

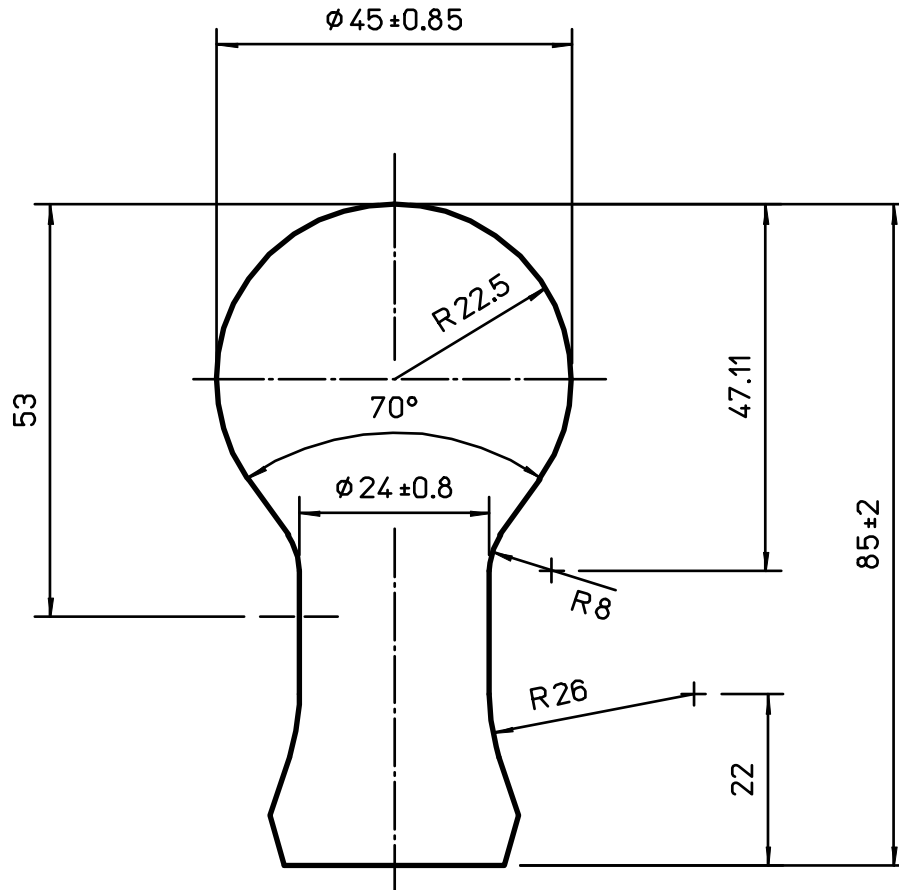
STEM	INSIDE DIAMETER	21.6	MIN	
FLARE	INSIDE DIAMETER	25.8	MIN	OUTSIDE DIAM.36.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	17-12-90	DIMENSIONS REVIEWED			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>RO45G</b>	<b>ISSUE DATE</b> 16-Apr-99
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 53 FROM BULB TOP)	0.38 TO 0.72
SIDE	(AT MAXIMUM DIAMETER)	0.30 TO 1.0
TOP	(AT CENTRE TOP)	0.42 TO 1.0

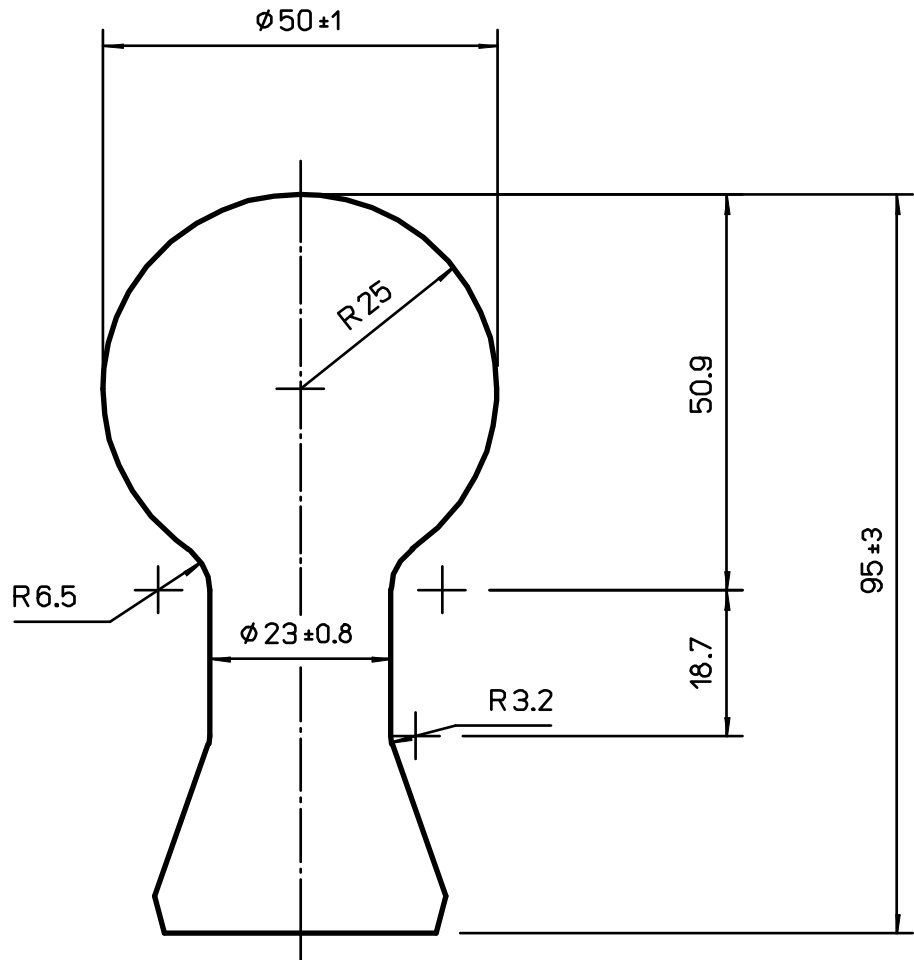
STEM	INSIDE DIAMETER	22.0	MIN
FLARE	INSIDE DIAMETER	22.6	MIN      OUTSIDE DIAM. 31.5 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	8-DEC-00	STEM DIA WAS 21.6			
			FLARE DIA WAS 22.1			

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<b>RIBBON BULB TYPE</b>	<b>R050</b>	<b>ISSUE DATE</b>	3-JUN-50
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 56 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

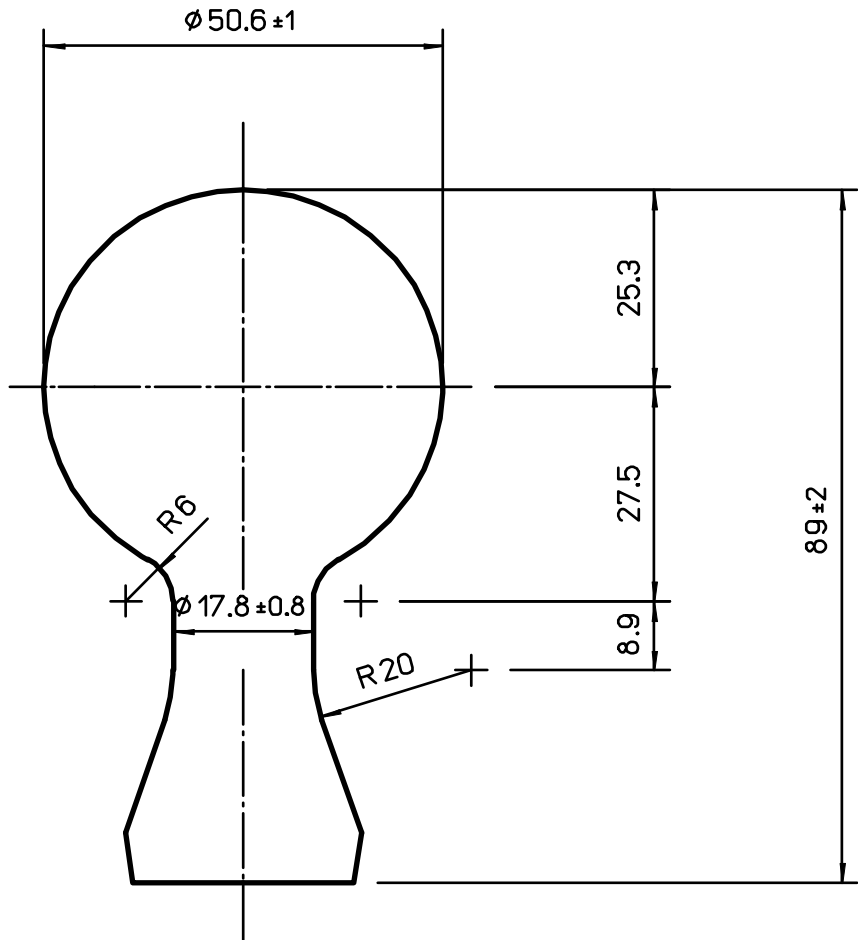
STEM	INSIDE DIAMETER	20.6 MIN	
FLARE	INSIDE DIAMETER	28.8 MIN	OUTSIDE DIAM. 38.1 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	12-9-73	NECK WALL THICKNESS WAS .46, .89			
	2	11-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>R050.6</b>	<b>ISSUE DATE</b> 15-Jan-92
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 57 FROM BULB TOP)	.40	TO	.75
SIDE	(AT MAXIMUM DIAMETER)	.25	MIN	
TOP	(AT CENTRE TOP)	.50	TO	1.5

STEM	INSIDE DIAMETER	15.3	MIN	
FLARE	INSIDE DIAMETER	22.1	MIN	OUTSIDE DIAM. 31.6 MAX.

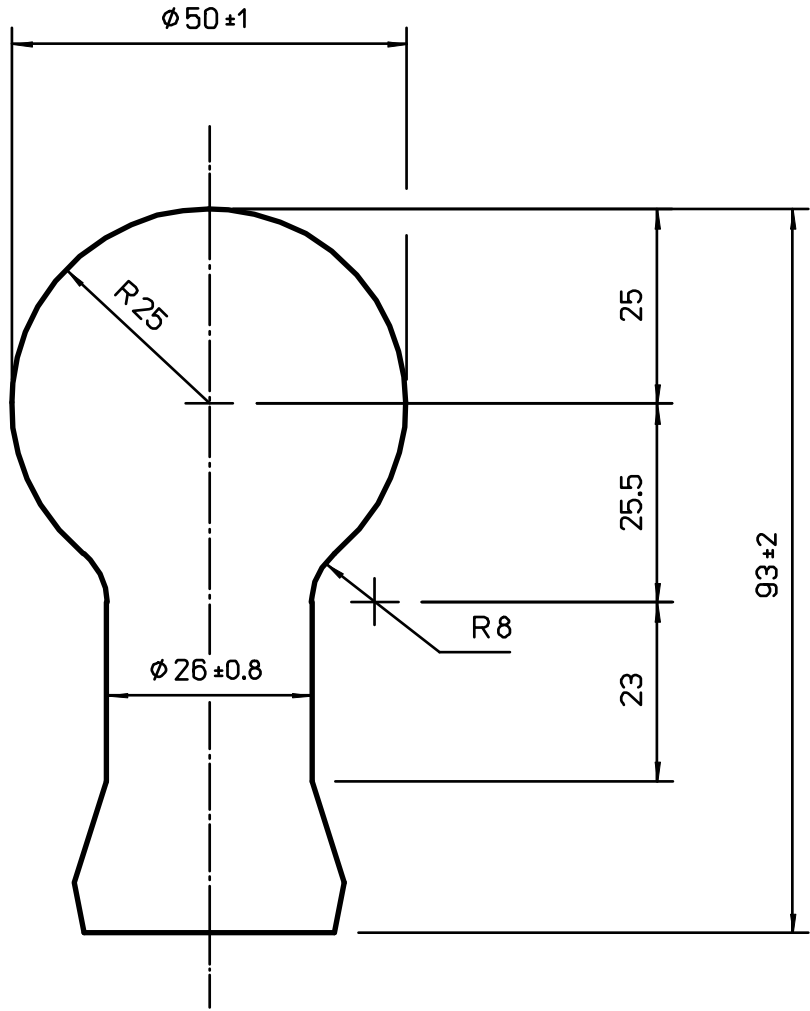
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	7-JUL-97	SIDE SPEC WAS .30 MIN			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>R050A</b>	<b>ISSUE DATE</b>	<b>6-NOV-52</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 60 FROM BULB TOP)	.41	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

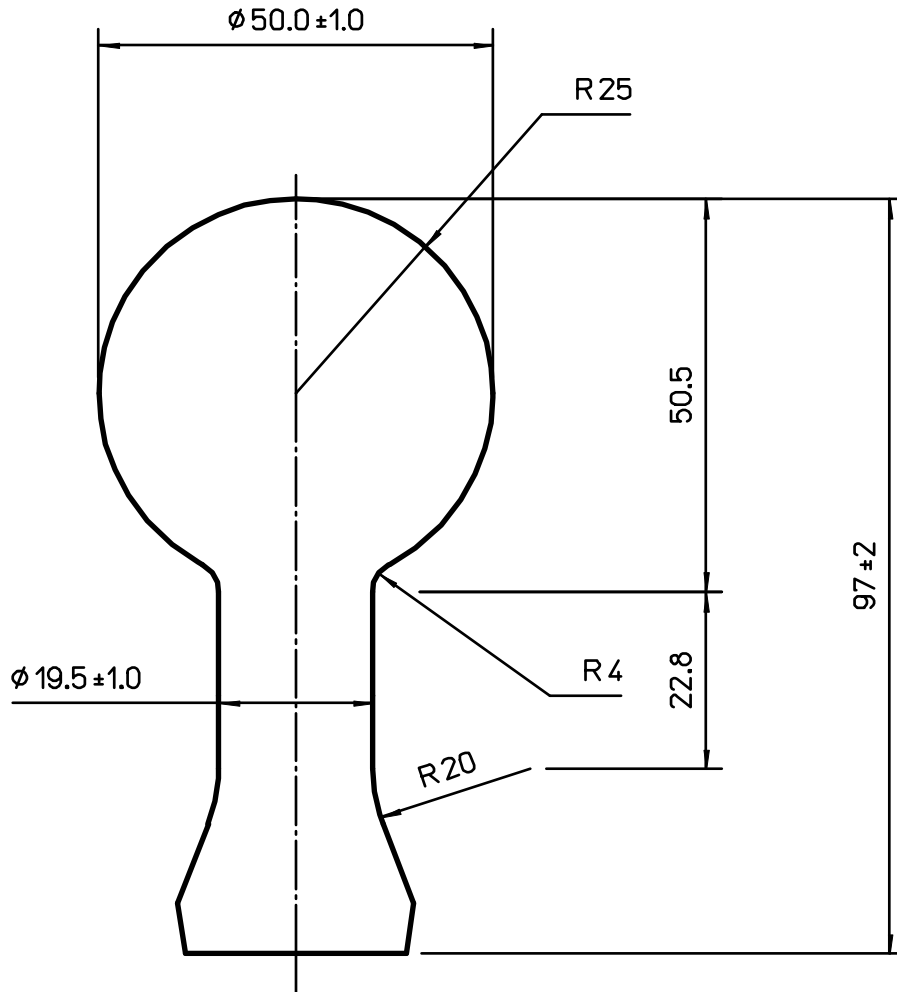
STEM	INSIDE DIAMETER	23.6	MIN	
FLARE	INSIDE DIAMETER	26.9	MIN	OUTSIDE DIAM.35.6 MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	19-3-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>R050B</b>	<b>ISSUE DATE</b> 22-Aug-96
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 64 FROM BULB TOP)	0.30 TO 0.85
SIDE	(AT MAXIMUM DIAMETER)	0.20 MIN
TOP	(AT CENTRE TOP)	0.50 TO 1.50

STEM	INSIDE DIAMETER	MIN	
FLARE	INSIDE DIAMETER	22.0 MIN	OUTSIDE DIAM. 32.0 MAX.

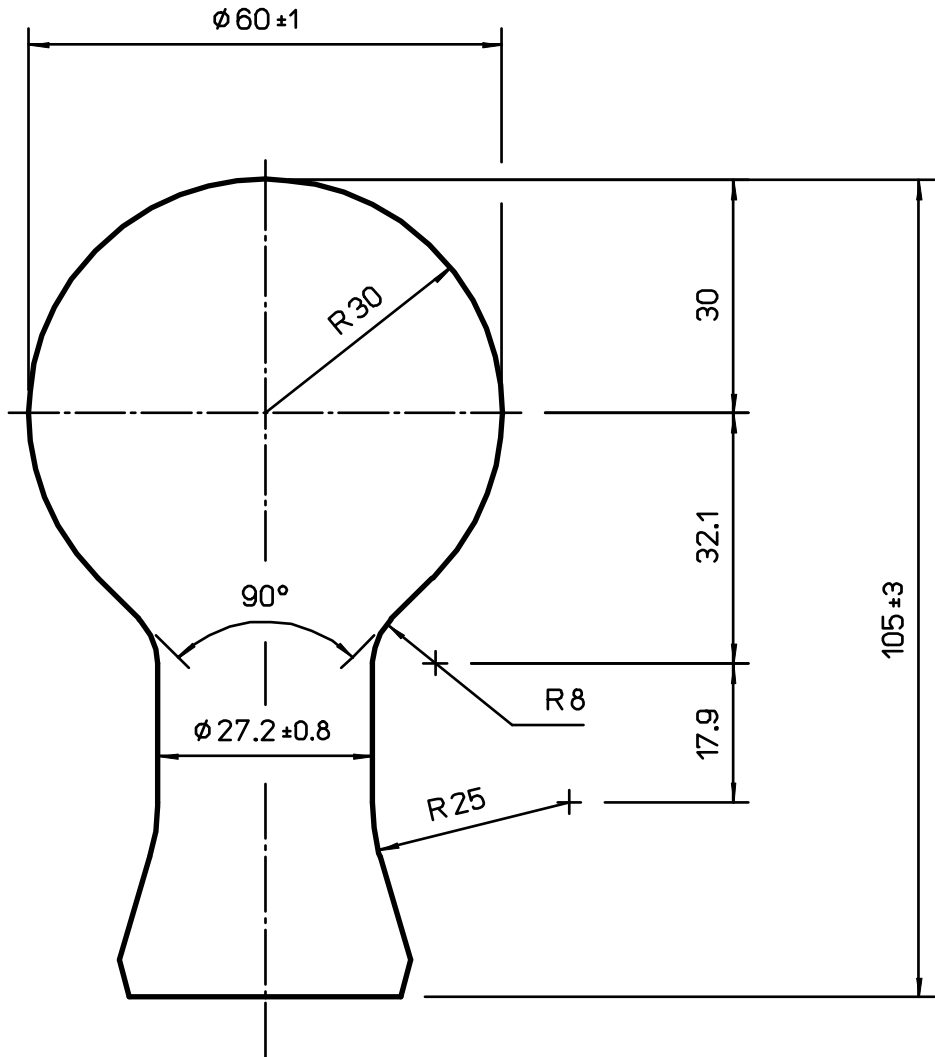
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>R060</b>	ISSUE DATE <b>9-Mar-72</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 70 FROM BULB TOP)	.38	TO	.76
SIDE	(AT MAXIMUM DIAMETER)	.35	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

STEM	INSIDE DIAMETER	24.8	MIN	
FLARE	INSIDE DIAMETER	28.8	MIN	OUTSIDE DIAM. 38.2 MAX.

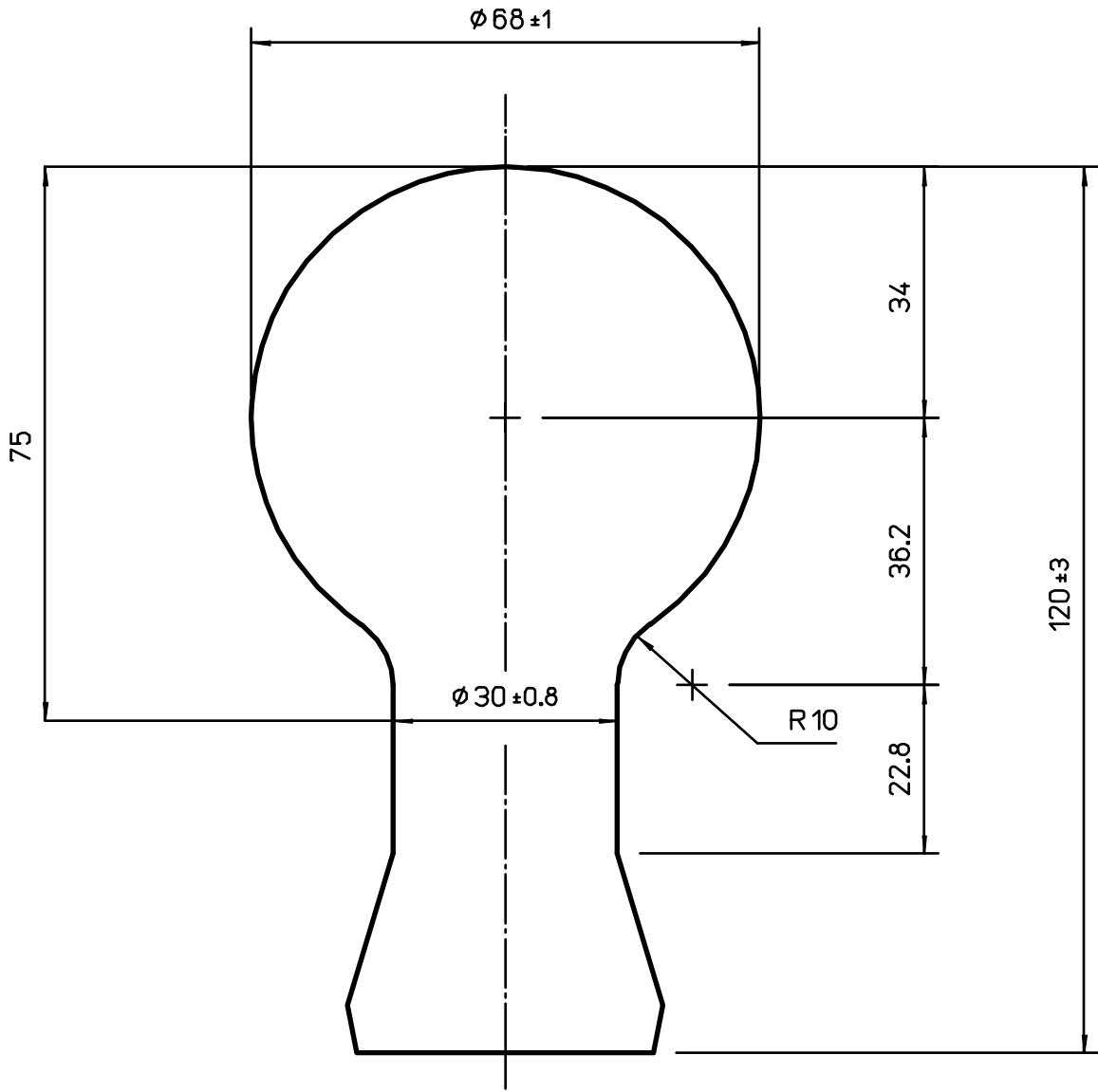
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	19-3-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>R068</b>	<b>ISSUE DATE</b> 26-JUN-86
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 75 FROM BULB TOP)	.41 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

STEM	INSIDE DIAMETER	27.6 MIN
FLARE	INSIDE DIAMETER	32.1 MIN
	OUTSIDE DIAM.	43.3 MAX.

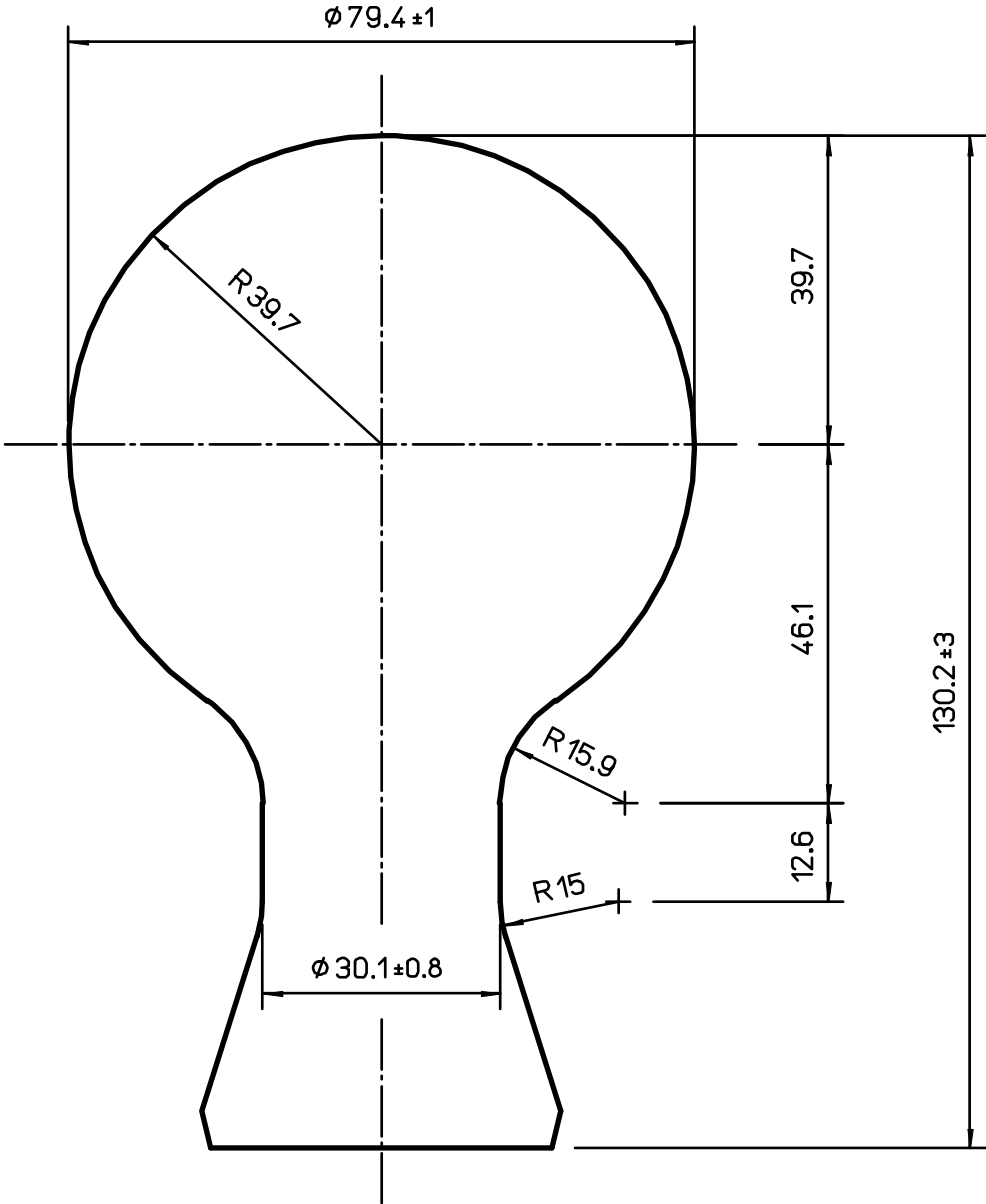
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	17-Jan-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>R079</b>	<b>ISSUE DATE</b> 21-Dec-93
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 92 FROM BULB TOP)	.51	TO	1.02
SIDE	(AT MAXIMUM DIAMETER)	.38	MIN	
TOP	(AT CENTRE TOP)	.76	TO	2.03

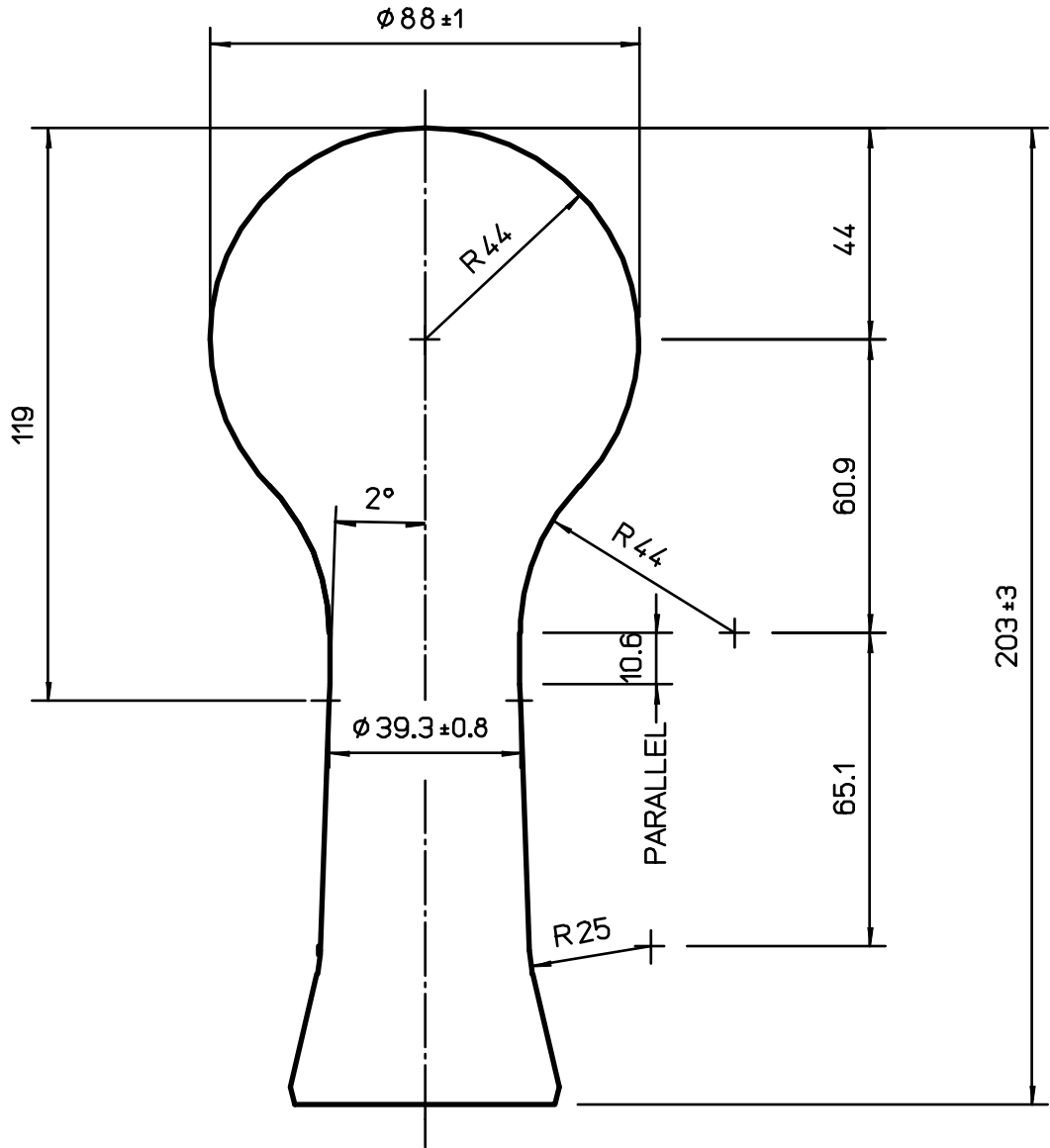
STEM	INSIDE DIAMETER	27.7	MIN	
FLARE	INSIDE DIAMETER	35.6	MIN	OUTSIDE DIAM. 47.0 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>R088</b>	<b>ISSUE DATE</b> 17-NOV-71
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 119 FROM BULB TOP)	.51 TO .86
SIDE	(AT MAXIMUM DIAMETER)	.41 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.90

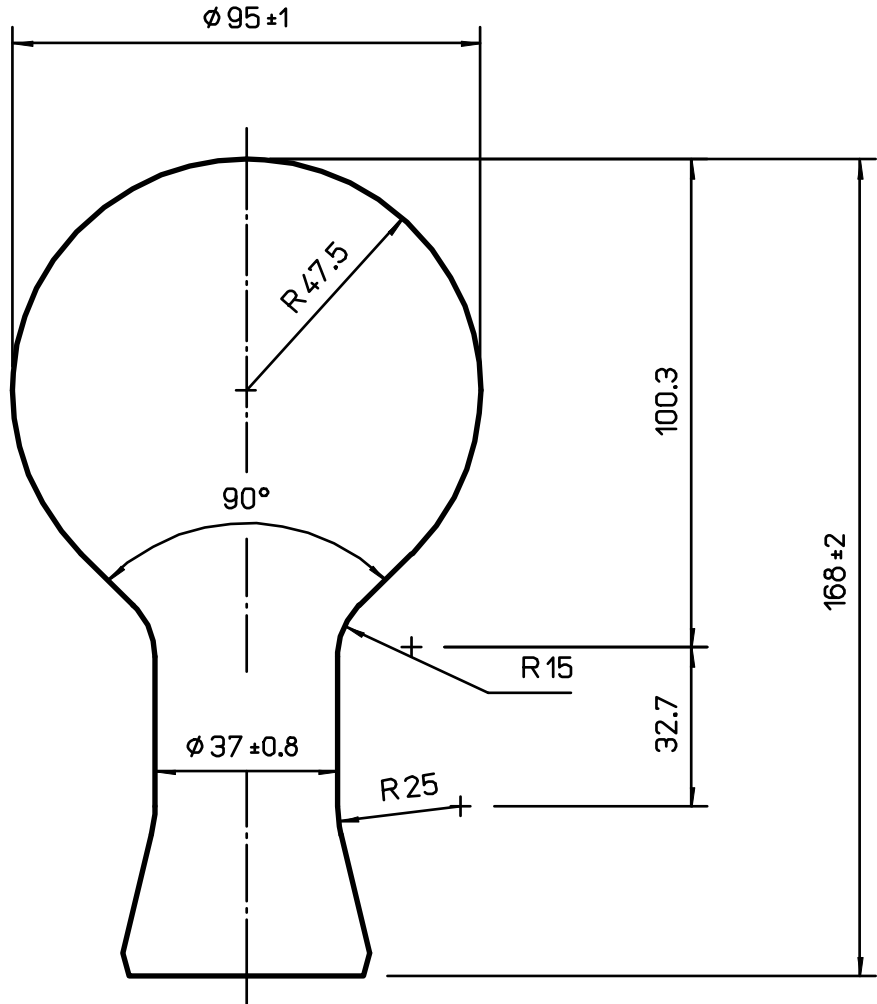
STEM	INSIDE DIAMETER	36.6 MIN	
FLARE	INSIDE DIAMETER	43.7 MIN	OUTSIDE DIAM. 57.7 MAX.

ALL DIMENSIONS ARE IN mm APPROX. WT - gms

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	29-DEC-92	REVISED			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>R095</b>	<b>ISSUE DATE</b>	<b>7-DEC-83</b>
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 110 FROM BULB TOP)	.50 TO 1.00
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN
TOP	(AT CENTRE TOP)	.60 TO 1.80

STEM	INSIDE DIAMETER	34.6 MIN
FLARE	INSIDE DIAMETER	38.5 MIN
	OUTSIDE DIAM.	52.0 MAX.

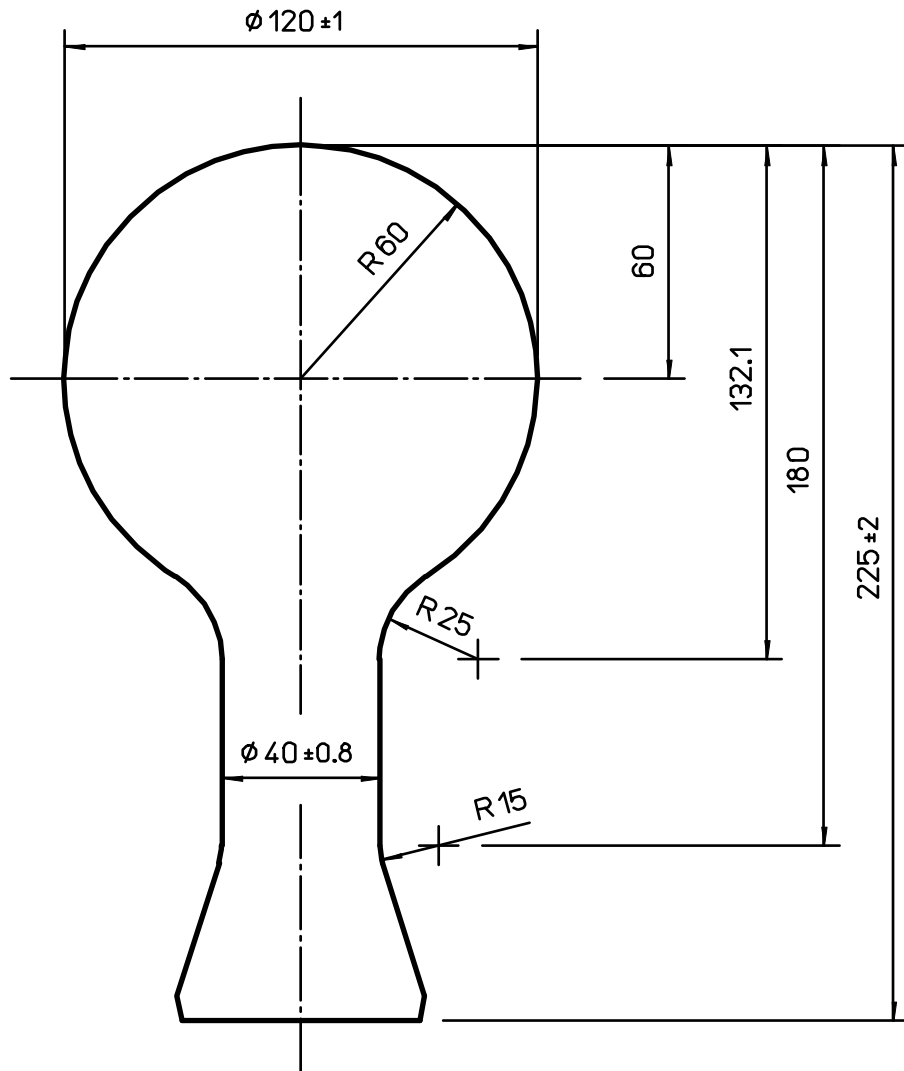
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	15-1-85	NECK MEASURING POSITION	2	16-1-91	DIMENSIONS REVIEWED
			WAS 120			

# PRODUCT SPECIFICATION

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<b>RIBBON BULB TYPE</b>	<b>R120</b>	<b>ISSUE DATE</b> 16-Jun-93
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 150 FROM BULB TOP)	.50	TO	1.10
SIDE	(AT MAXIMUM DIAMETER)	.38	min	
TOP	(AT CENTRE TOP)	.80	TO	2.50

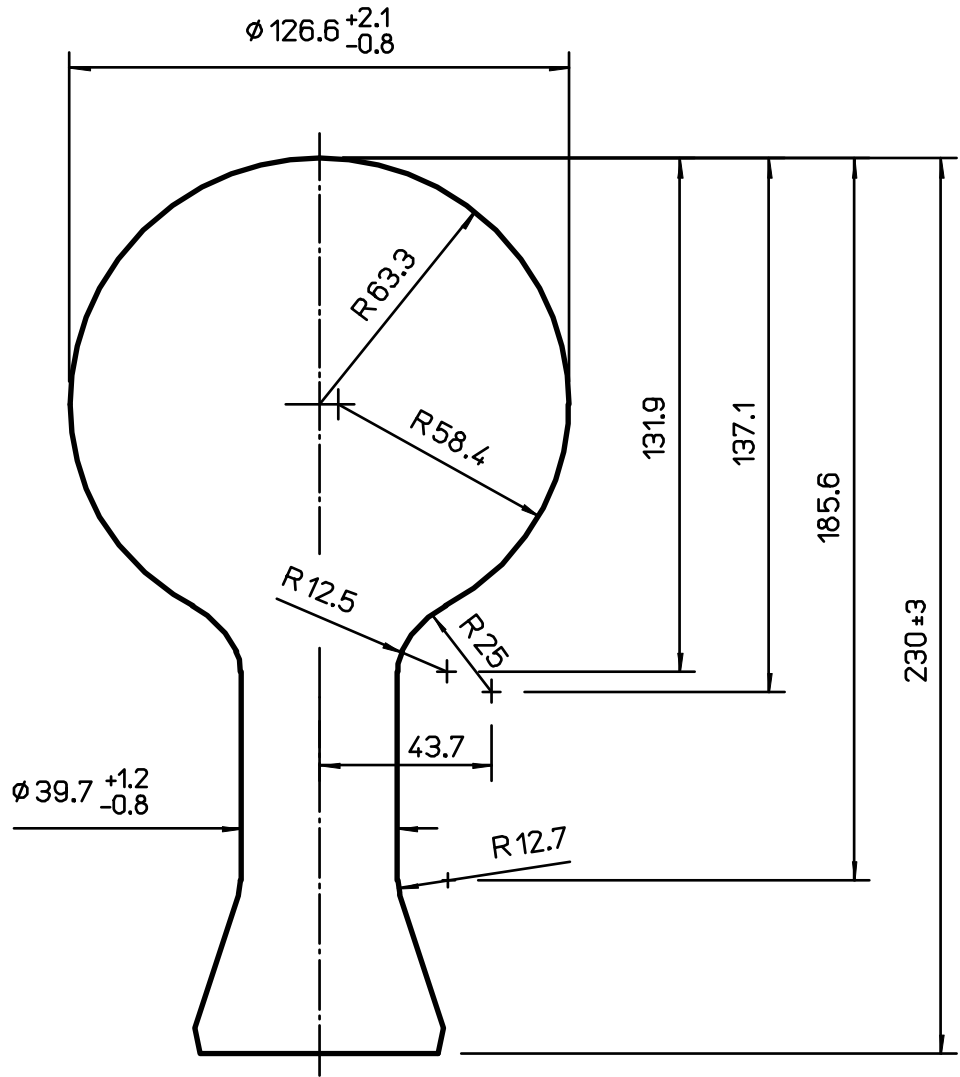
STEM	INSIDE DIAMETER	37.3	MIN	
FLARE	INSIDE DIAMETER	50.0	MIN	OUTSIDE DIAM. 65.5 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>R127</b>	<b>ISSUE DATE</b> 20-FEB-81
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 149 FROM BULB TOP)	0.53 TO 1.14
SIDE	(AT MAXIMUM DIAMETER)	0.45 MIN
TOP	(AT CENTRE TOP)	0.89 TO 2.54

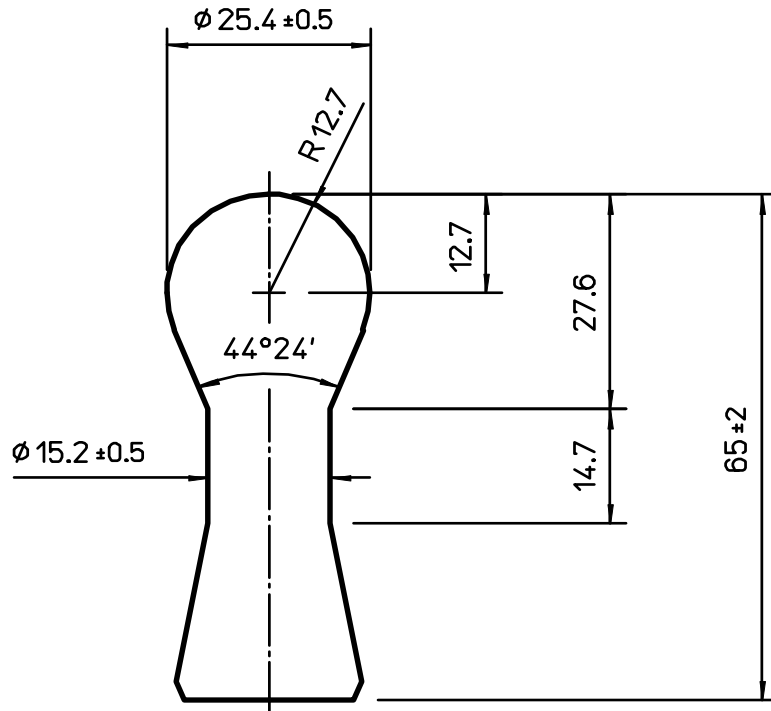
STEM	INSIDE DIAMETER	36.3	MIN	
FLARE	INSIDE DIAMETER	50.2	MIN	OUTSIDE DIAM. 65.5 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	11-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>ST025.4</b>	<b>ISSUE DATE</b> 18-NOV-76
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 33 FROM BULB TOP)	0.35 TO 0.66
SIDE	(AT MAXIMUM DIAMETER)	0.25 MIN
TOP	(AT CENTRE TOP)	0.33 TO 1.14

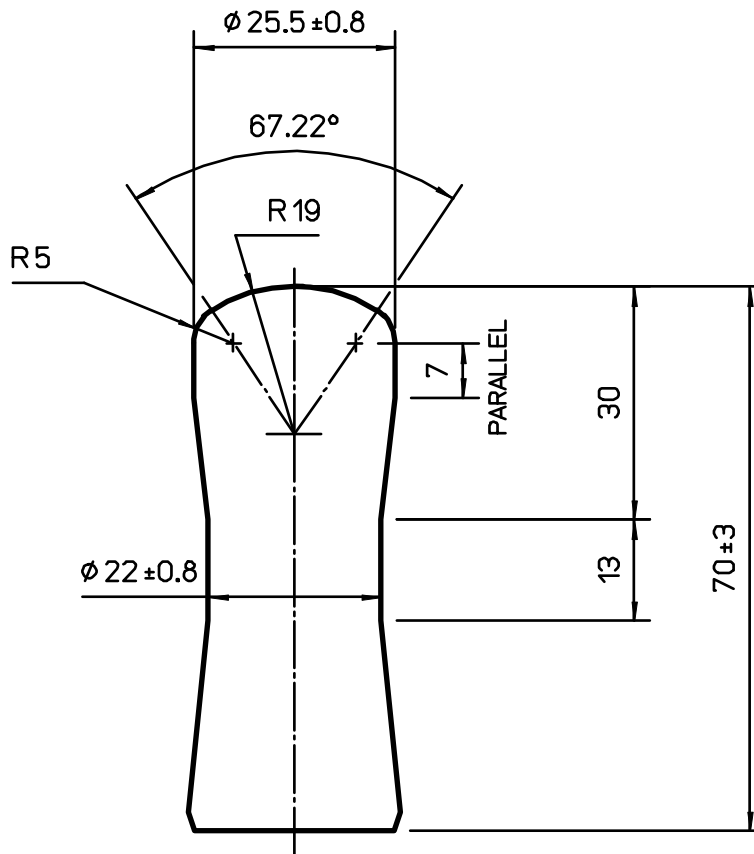
STEM	INSIDE DIAMETER	13.1	MIN	
FLARE	INSIDE DIAMETER	16.4	MIN	OUTSIDE DIAM. 23.6 MAX

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	6-4-79	REVISED	3	11-1-91	DIMENSIONS REVIEWED
	2	19-7-79	FLARE O/D WAS 24.23			

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<b>RIBBON BULB TYPE</b>	<b>ST025.5</b>	<b>ISSUE DATE</b> 7-May-62
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 37 FROM BULB TOP)	.38 TO .84
SIDE	(AT MAXIMUM DIAMETER)	.25 MIN
TOP	(AT CENTRE TOP)	.40 TO 1.51

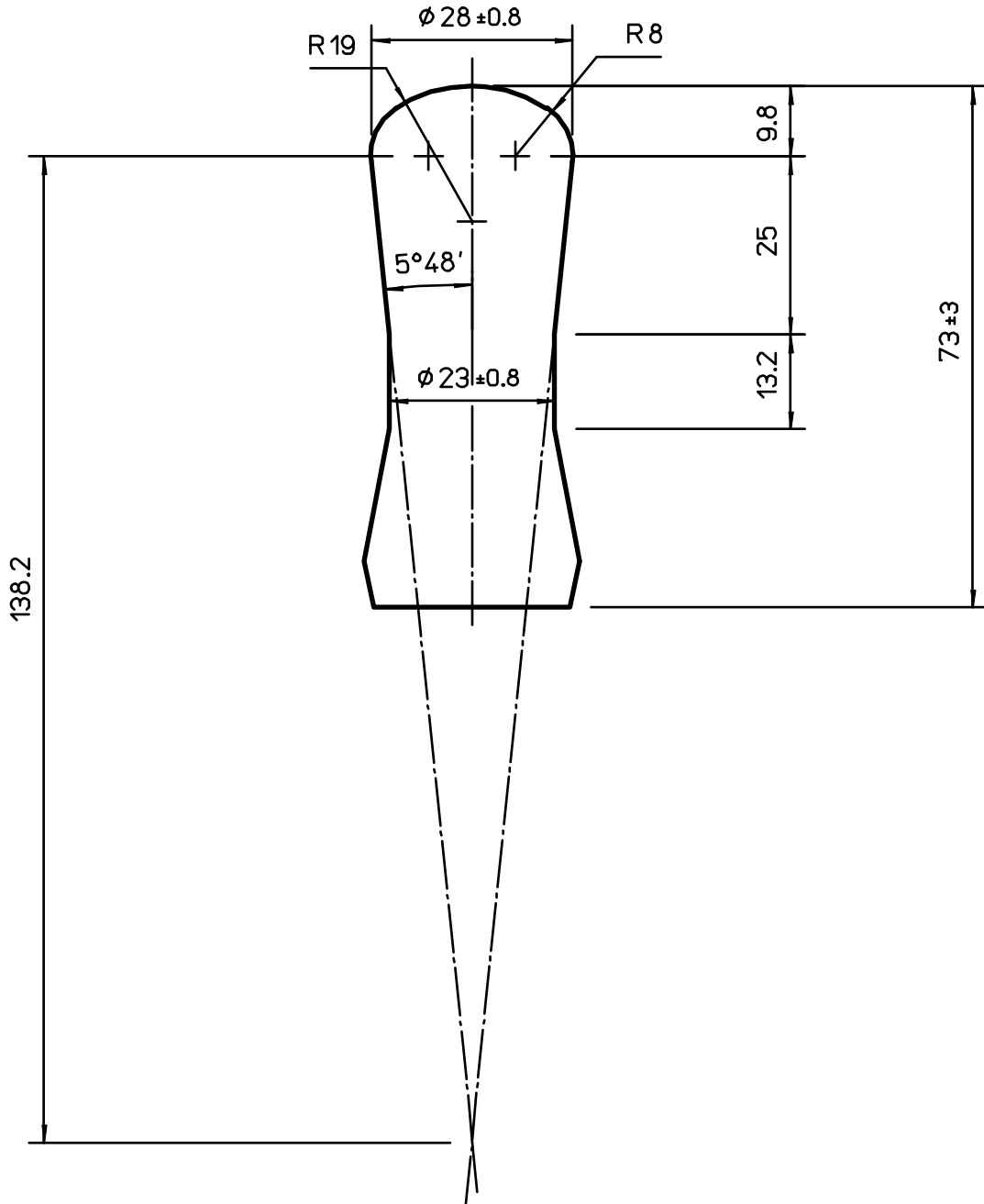
STEM	INSIDE DIAMETER	19.6	MIN	
FLARE	INSIDE DIAMETER	21.0	MIN	OUTSIDE DIAM. 28.0 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	24-11-98	REDRAWN ON CAD			

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<b>RIBBON BULB TYPE</b>	<b>ST028</b>	<b>ISSUE DATE</b> 24-MAY-50
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 42 FROM BULB TOP)	.46	TO	.89
SIDE	(AT MAXIMUM DIAMETER)	.51	MIN	
TOP	(AT CENTRE TOP)	.51	TO	1.52

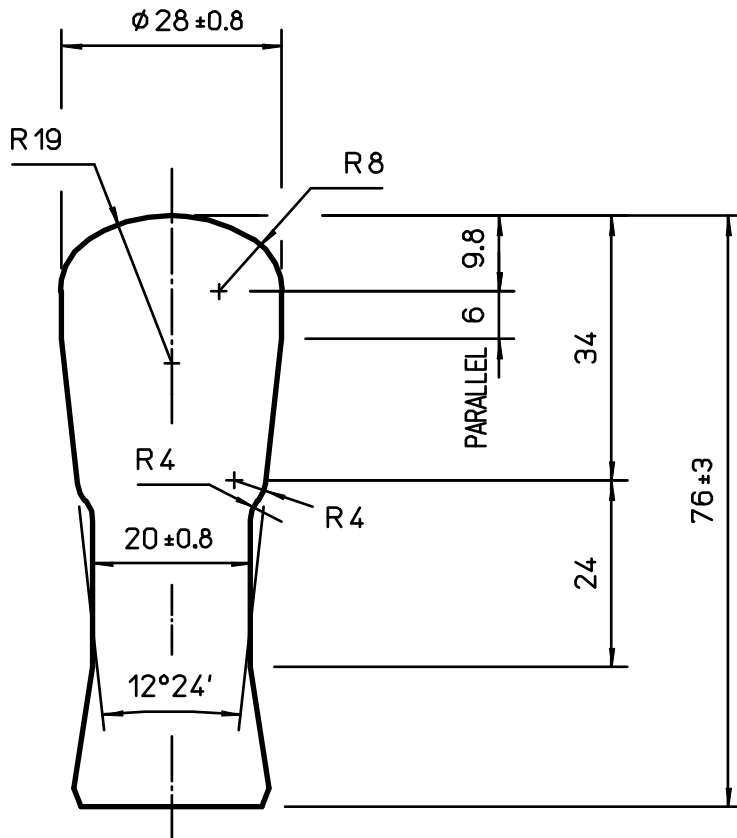
STEM	INSIDE DIAMETER	20.6	MIN	
FLARE	INSIDE DIAMETER	22.1	MIN	OUTSIDE DIAM.31.6 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	14-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>ST028G</b>	<b>ISSUE DATE</b> 23-Mar-81
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 45 FROM BULB TOP)	0.38 TO .89
SIDE	(AT MAXIMUM DIAMETER)	.38 MIN.
TOP	(AT CENTRE TOP)	.51 TO 1.51

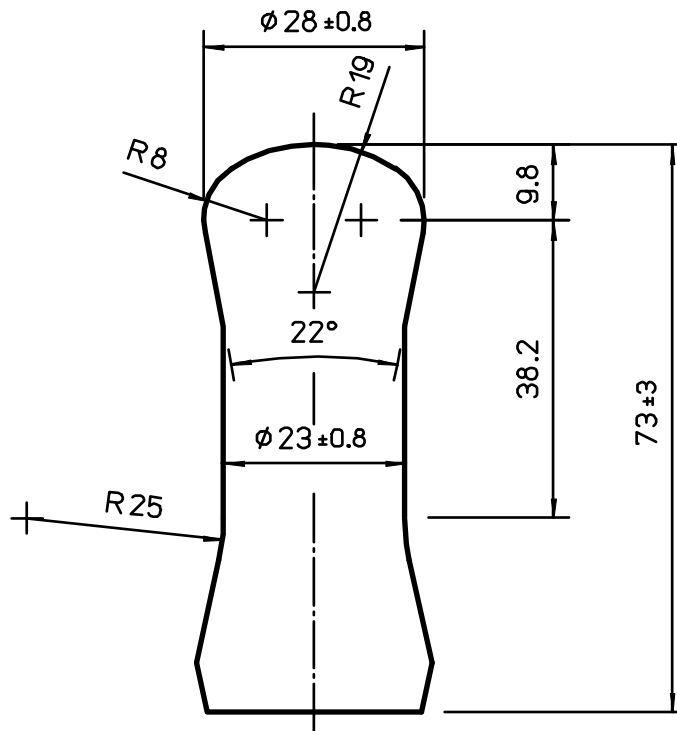
STEM	INSIDE DIAMETER	17.6	MIN
FLARE	INSIDE DIAMETER	17.6	MIN
			OUTSIDE DIAM. 26.9 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	26.2.91	DIMENSIONS REVIEWED			
	2	17-NOV-92	NECK MEAS POS CHANGED			

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<b>RIBBON BULB TYPE</b>	<b>ST028K</b>	<b>ISSUE DATE</b> 20-DEC-77
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### WALL THICKNESS LIMITS & MEASURING POSITION

NECK	(AT 42 FROM BULB TOP)	.46 TO .89
SIDE	(AT MAXIMUM DIAMETER)	.51 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

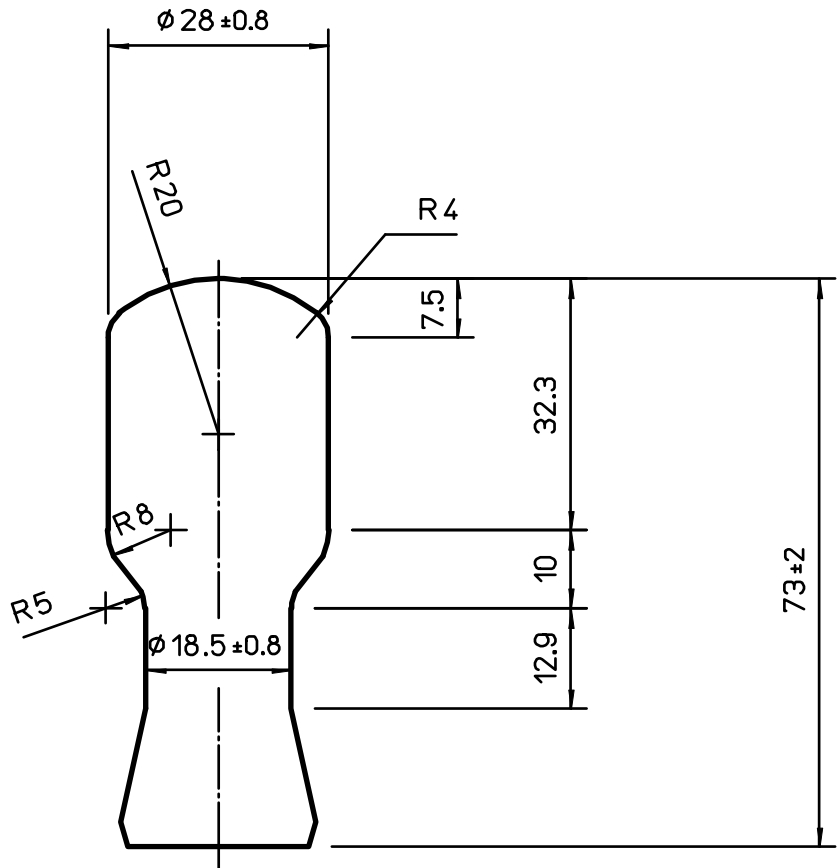
STEM	INSIDE DIAMETER	20.6 MIN	
FLARE	INSIDE DIAMETER	22.1 MIN	OUTSIDE DIAM.30.5 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	31-1-80	ANGLE WAS 20°			
	2	15-1-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>ST028L</b>	<b>ISSUE DATE</b> 12-AUG-80
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### WALL THICKNESS LIMITS & MEASURING POSITION

NECK	(AT 47 FROM BULB TOP)	.38 TO .89
SIDE	(31 FROM BULB TOP)	.38 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.51

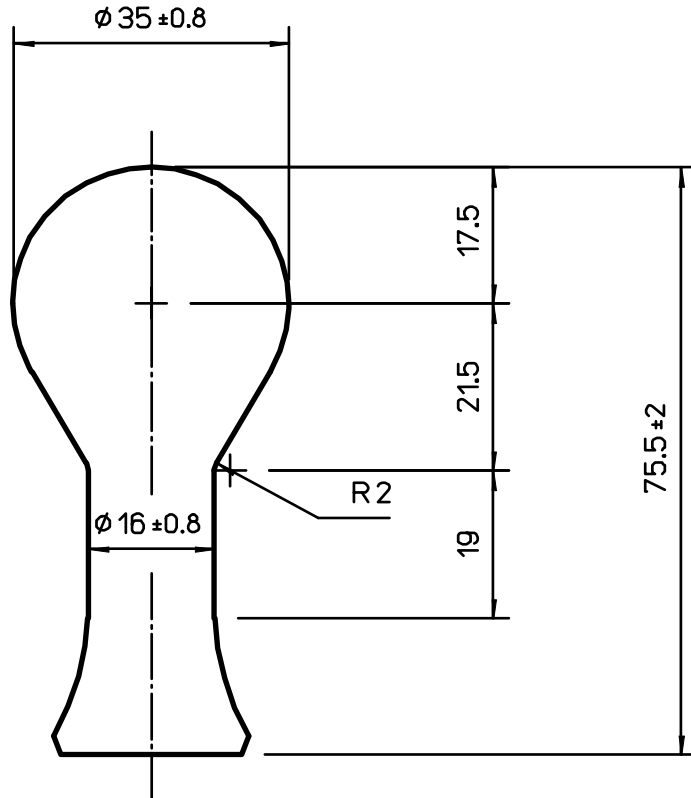
STEM	INSIDE DIAMETER	16.0 MIN	
FLARE	INSIDE DIAMETER	17.6 MIN	OUTSIDE DIAM. 25.4 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	5-2-81	REDRAWN	2	4-12-90	SIDE MEASURING
	3	11-1-91	DIMENSIONS REVIEWED			POSITION AMENDED

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<b>RIBBON BULB TYPE</b>	<b>ST035</b>	<b>ISSUE DATE</b> 11-JUN-70
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 48 FROM BULB TOP)	.38 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.30 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

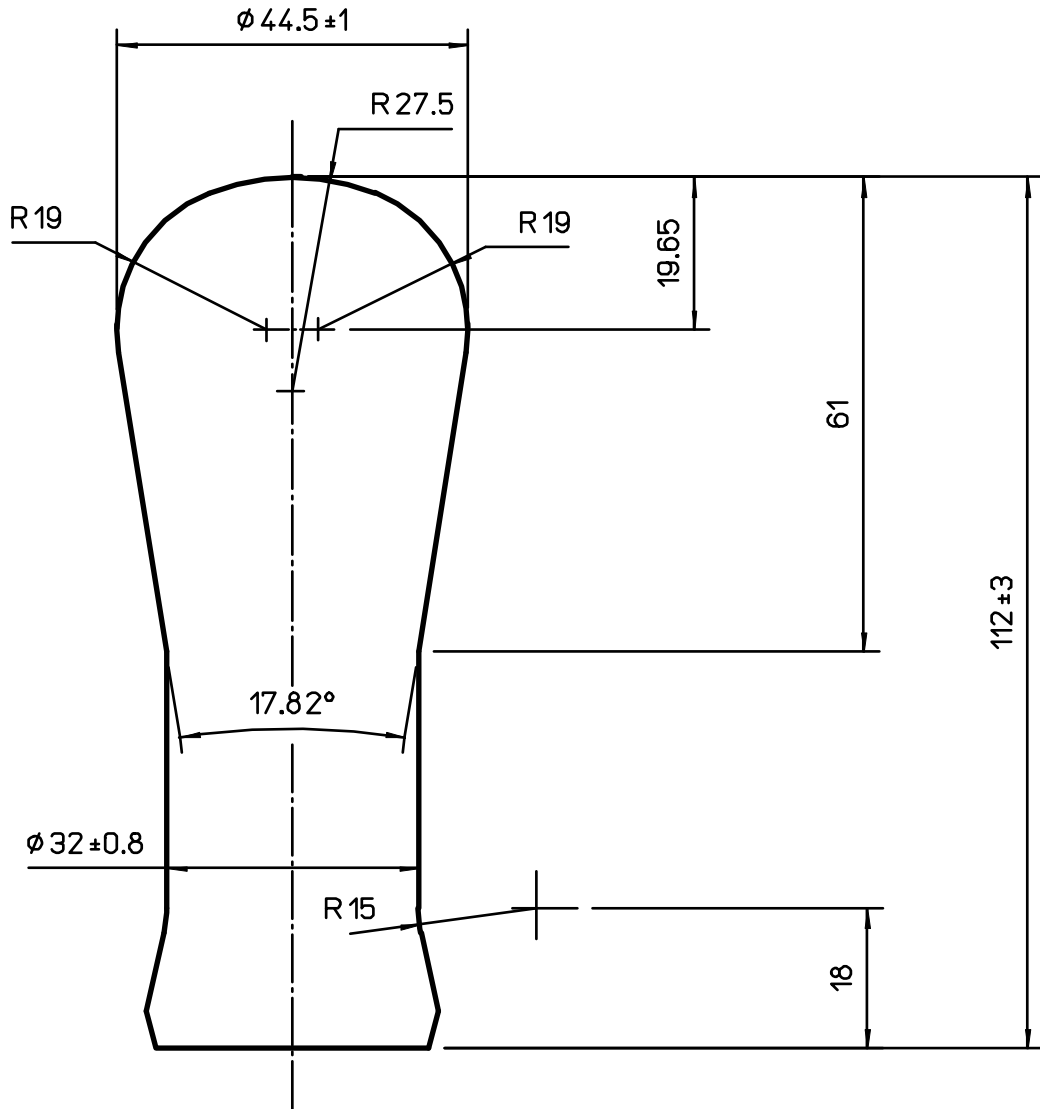
STEM	INSIDE DIAMETER	13.6	MIN
FLARE	INSIDE DIAMETER	15.4	MIN      OUTSIDE DIAM.26.0 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	5-2-91	DIMENSIONS REVIEWED			

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<b>RIBBON BULB TYPE</b>	<b>ST044.5</b>	<b>ISSUE DATE</b> 14-Nov-56
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 81 FROM BULB TOP)	.41 TO .89
SIDE	(AT MAXIMUM DIAMETER)	.41 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.51

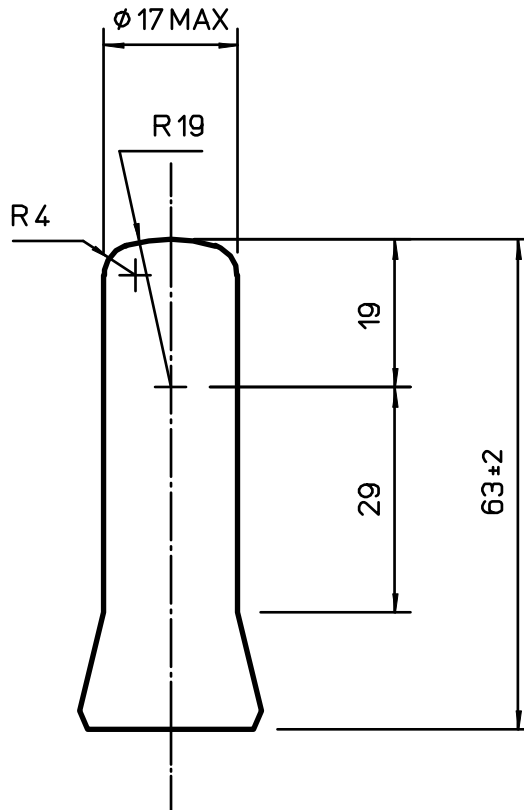
STEM	INSIDE DIAMETER	29.6 MIN
FLARE	INSIDE DIAMETER	28.8 MIN
	OUTSIDE DIAM.	38.1 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	24-11-98	REDRAWN ON CAD			

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<b>RIBBON BULB TYPE</b>	<b>T017</b>	<b>ISSUE DATE</b> 14-OCT-52
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**WALL THICKNESS LIMITS & MEASURING POSITION**

**NECK**

SIDE	(AT 40 FROM TOP)	.40	TO	.80
TOP	(AT CENTRE TOP)	.51	TO	1.52

STEM	INSIDE DIAMETER	14.6	MIN	
FLARE	INSIDE DIAMETER	15.4	MIN	OUTSIDE DIAM.24.2 MAX.

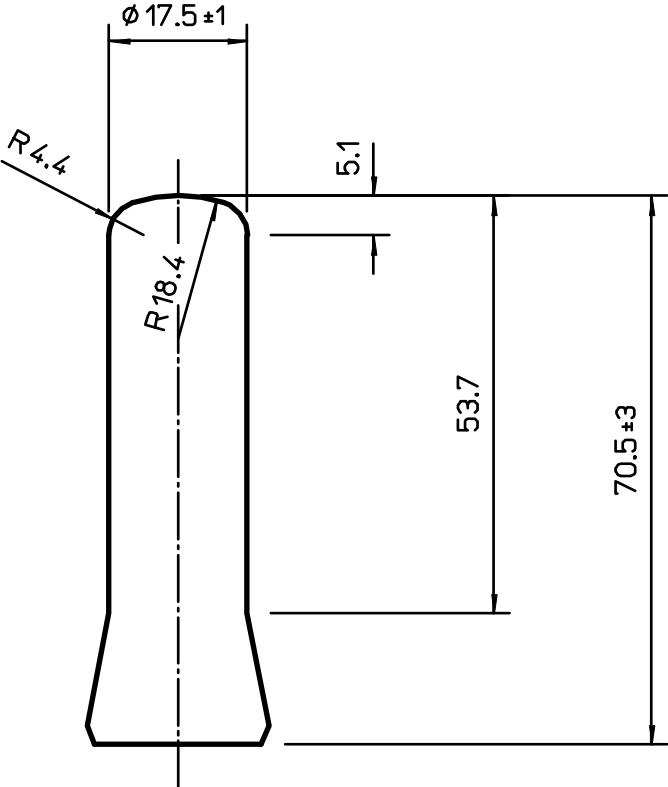
ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	5-2-91	DIMENSIONS REVIEWED			

**PRODUCT SPECIFICATION**

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<b>RIBBON BULB TYPE</b>	<b>T017.5</b>	<b>ISSUE DATE</b> 18-Nov-57
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**WALL THICKNESS LIMITS & MEASURING POSITION**

<b>NECK</b>			
SIDE	(AT 42 FROM BULB TOP)	.40	TO .80
TOP	(AT CENTRE TOP)	.51	TO 1.52

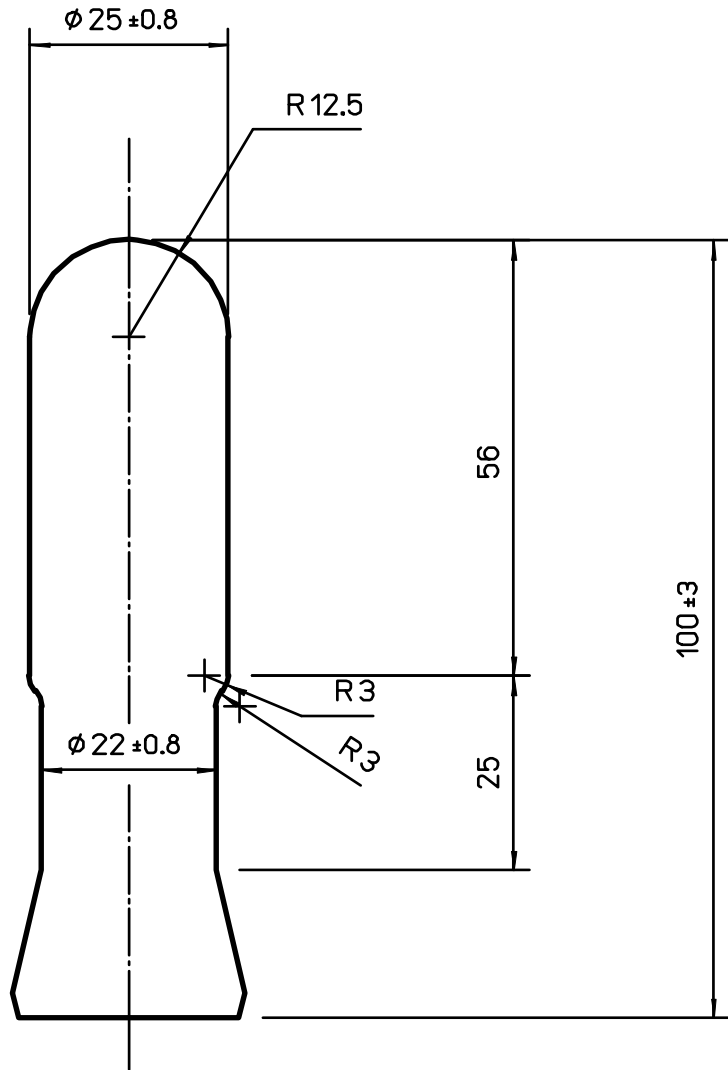
STEM	INSIDE DIAMETER	15.0	MIN
FLARE	INSIDE DIAMETER	15.4	MIN      OUTSIDE DIAM.24.2 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	2	17-NOV-92	DIMENSIONS REVIEWED			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>T025</b>	<b>ISSUE DATE</b> 5-OCT-56
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 68 FROM BULB TOP)	.38 TO .76
SIDE	(28 FROM BULB TOP)	.35 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

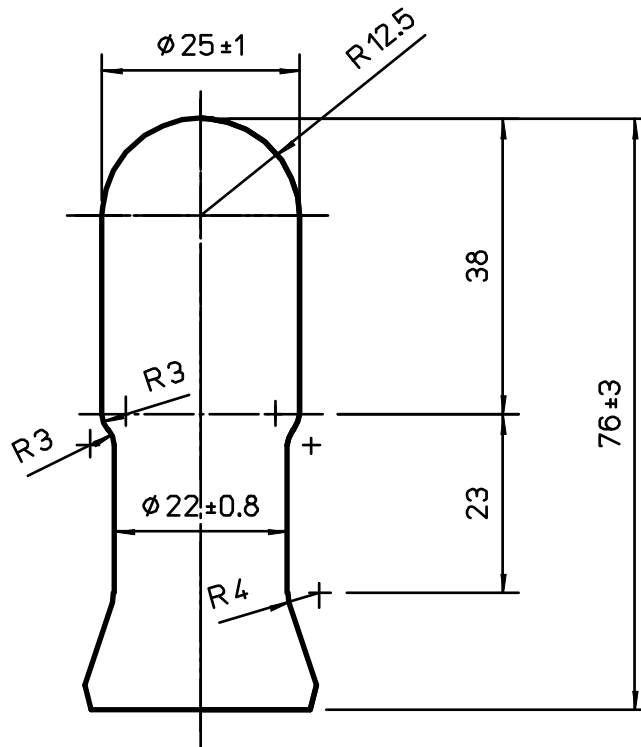
STEM	INSIDE DIAMETER	19.6	MIN
FLARE	INSIDE DIAMETER	22.1	MIN    OUTSIDE DIAM.30.5 MMAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	29-DEC-92	REVISED			
	2	24-11-98	UPDATED			

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<b>RIBBON BULB TYPE</b>	<b>T025A</b>	<b>ISSUE DATE</b> 15-Jan-64
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 51 FROM BULB TOP)	.38 TO .76
SIDE	(AT MAXIMUM DIAMETER)	.35 MIN
TOP	(AT CENTRE TOP)	.51 TO 1.52

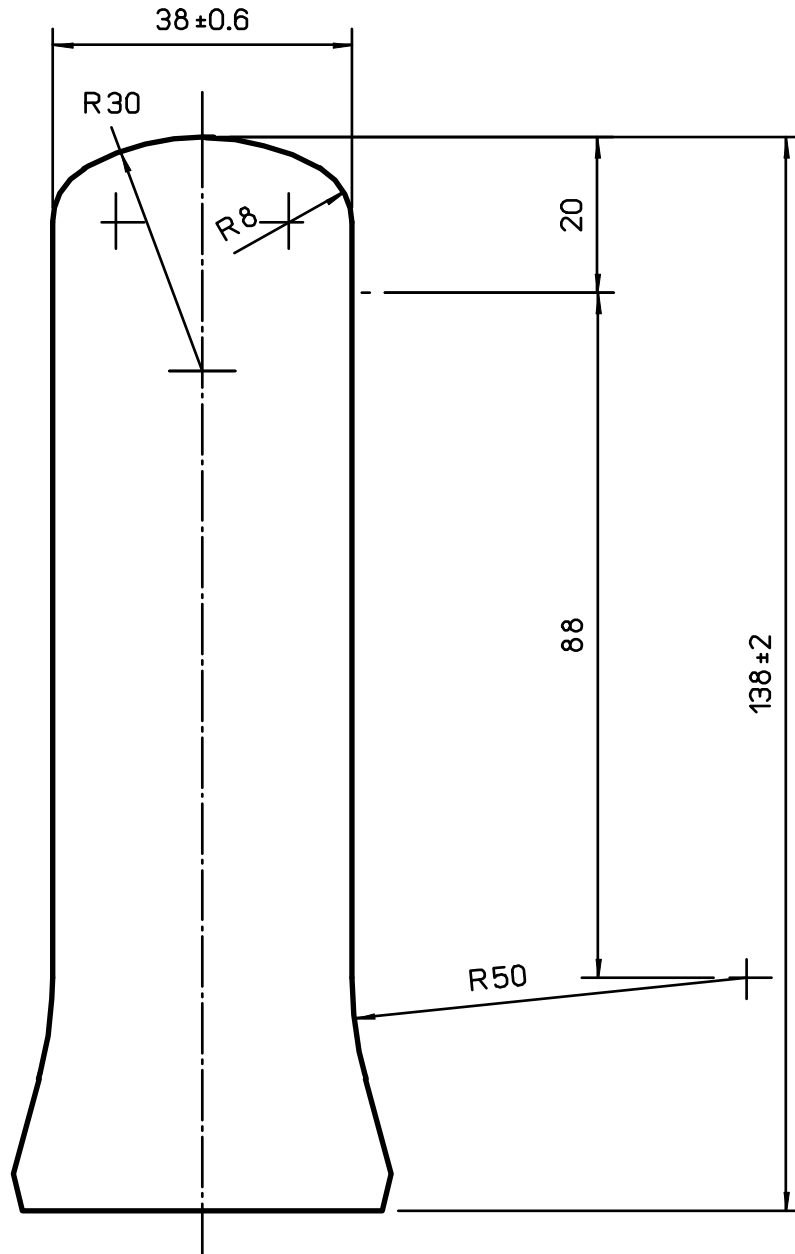
STEM	INSIDE DIAMETER	19.6	MIN
FLARE	INSIDE DIAMETER	19.7	MIN      OUTSIDE DIAM. 30.5 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	24-11-98	REDRAWN ON CAD			
APPROVED BY						

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<b>RIBBON BULB TYPE</b>	<b>T038B</b>	<b>ISSUE DATE</b> 17-Feb-70
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**WALL THICKNESS LIMITS & MEASURING POSITION**

NECK	(AT 77 FROM BULB TOP)	0.5 TO 1.0
SIDE	(AT MAXIMUM DIAMETER)	0.7 MIN
TOP	(AT CENTRE TOP)	0.7 TO 1.5

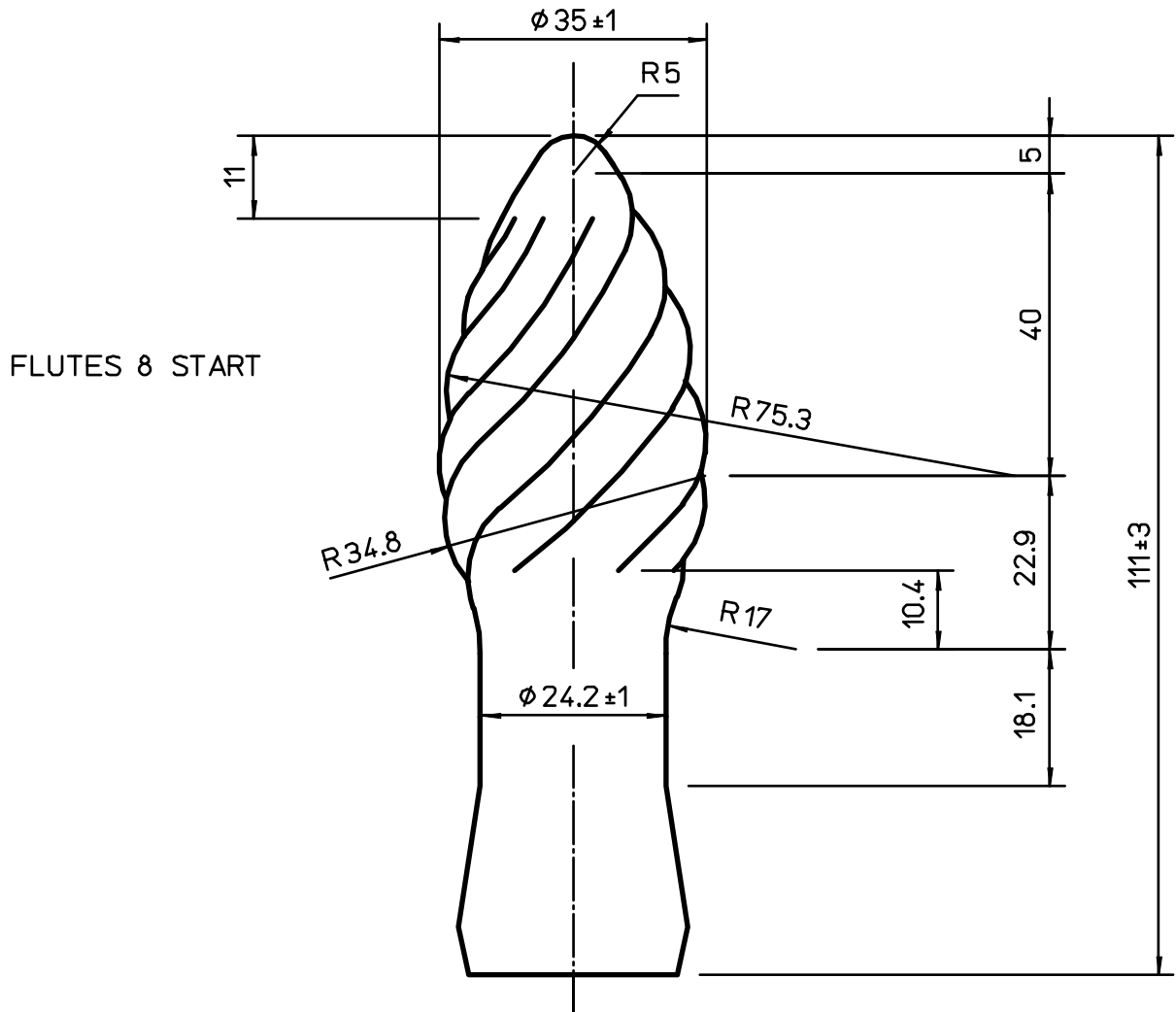
STEM	INSIDE DIAMETER	34.0 MIN	
FLARE	INSIDE DIAMETER	38.0 MIN	OUTSIDE DIAM. 50 MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	24-11-98	REDRAWN ON CAD			

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<b>RIBBON BULB TYPE</b>	<b>TC035B</b>	<b>ISSUE DATE</b> 13-APR-77
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**WALL THICKNESS LIMITS & MEASURING POSITION**

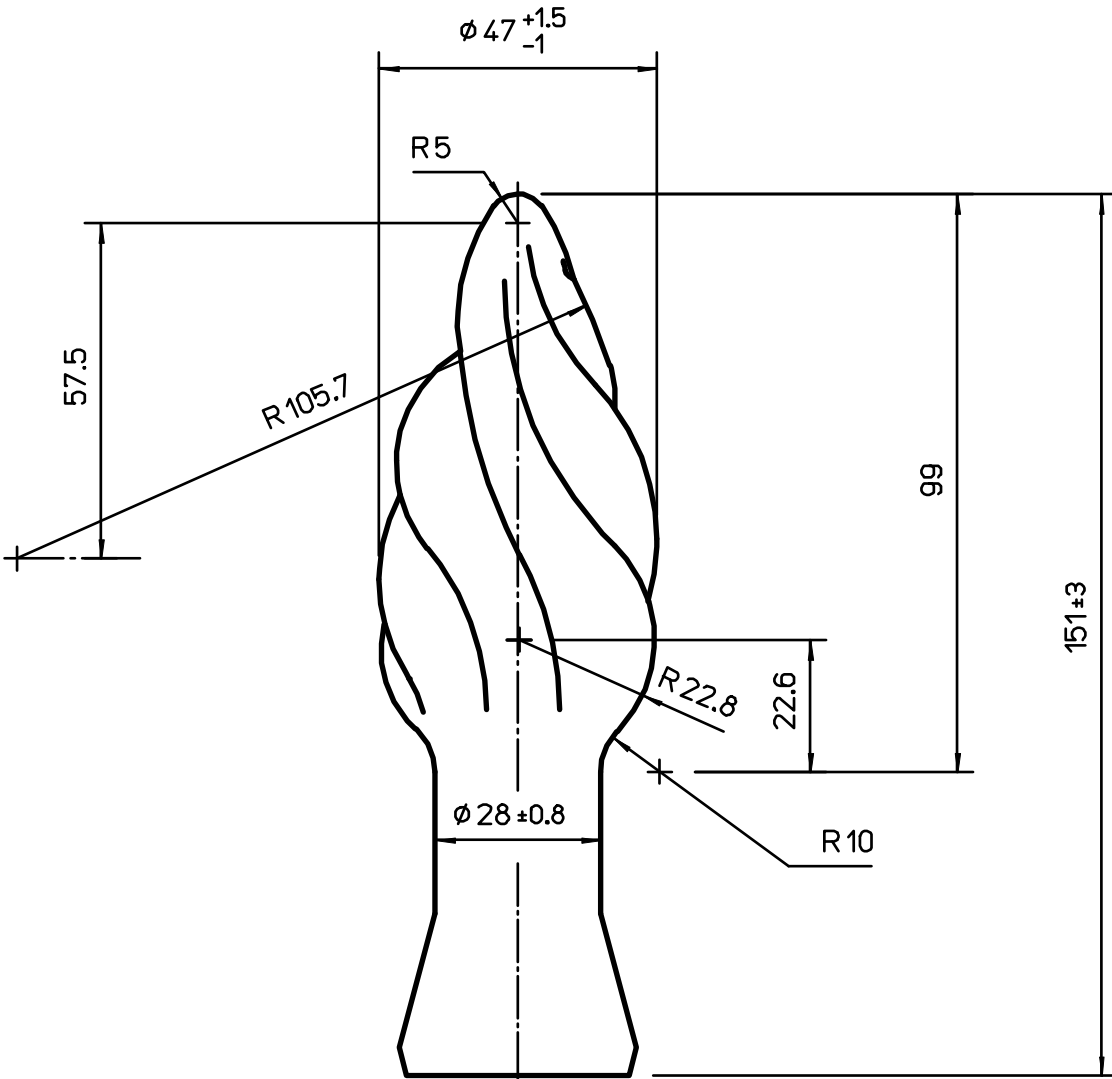
NECK	(AT 76 FROM BULB TOP)	.38 TO .76
SIDE	N/A	
TOP	(AT CENTRE TOP)	.40 MIN

STEM	INSIDE DIAMETER	20.6	MIN
FLARE	INSIDE DIAMETER	22.1	MIN
	OUTSIDE DIAM.	32.2	MAX.

ALL DIMENSIONS ARE IN mm

APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
	1	31-5-77	2nd PROPOSAL	2	17-1-91	DIMENSIONS REVIEWED
			(PLAIN TOP)	3	27-3-91	DIMENSIONS REVIEWED

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RIBBON BULB TYPE	<b>TC047</b>	ISSUE DATE	11-SEP-62			
						
<p><b>WALL THICKNESS LIMITS &amp; MEASURING POSITION</b></p> <p>NECK (AT 104 FROM BULB TOP) .38 TO .76</p> <p>SIDE (AT MAXIMUM DIAMETER)</p> <p>TOP (AT CENTRE TOP)</p> <hr style="width: 20%; margin: 10px auto;"/> <p>STEM INSIDE DIAMETER 25.6 MIN</p> <p>FLARE INSIDE DIAMETER 32.0 MIN OUTSIDE DIAM. 41.4 MAX.</p> <p>ALL DIMENSIONS ARE IN mm</p>						
APPROVED BY	NO.	DATE	MODIFICATION	NO.	DATE	MODIFICATION
APPROVED BY	1	12-12-72	RAD DIM ADDED			
APPROVED BY	2	25-2-88	FLARE TAPER CHANGED			