

# SUPRA QUALITY EXPORTS (I) PVT LTD

A-92,Road No. 16,  
Wagle Industrial Estate  
Thane west-400604  
India

S/DIR/34 Rev.12 26/08/25  
Phone : 45196493/94/95/96  
Email:quality@supraexports.in

## DIMENSIONAL INSPECTION REPORT

Part Description:- **BRASS ELBOW**

Part No:- ISVg003gz-KA C.P.O:- Order Date:- Order Qty:-  
Vendor Name:- Empire S.P.O: SQPO25261215 Order Date:- 30-08-2025 Order Qty:- 5500

Buyer name:- THERMACO DATE:- 16-09-2025 Report No:- 2526/0056

ZINC	<input type="checkbox"/>
COPPER	<input type="checkbox"/>
NICKEL	<input type="checkbox"/>
NICKEL CHROME	<input type="checkbox"/>
TIN	<input type="checkbox"/>
Un-plated	<input type="checkbox"/>

MATERIAL GRADE :- **BRASS**

SR NO	SAMPLE PARAMETER	1	2	3	4	5	6	7	8	9	10	REMARK
1	42.00 $\pm 0.1$	42.02	41.96	41.98	41.98	41.95	42.00	41.93	41.94	41.98	41.96	OK
2	17.00 $\pm 0.1$	17.05	17.01	16.90	17.10	17.06	16.87	17.07	17.07	17.15	16.96	OK 0.05 VS 0.03
3	Ø 19.00 $\pm 0.1$	19.01	13.95	19.02	13.90	13.93	13.89	16.08	16.01	16.03	13.96	OK 0.05
4	1/4 BSP major Ø	checked with a TRG			1/4 BSP (G0:- 5YM 1732 N0G0:- 322)						(S1TR1)	OK
5	13.15 - 0.25 $\pm 0.1$	13.03	13.02	13.04	13.01	13.02	13.03	13.04	12.98	13.03	13.00	OK
6	12.00 $\pm 0.1$	12.04	12.04	12.08	12.06	11.99	12.10	12.02	12.14	12.11	12.05	OK
7	36.50 $\pm 0.1$	36.57	36.63	36.56	36.54	36.59	36.57	36.54	36.59	36.50	36.59	OK 0.03
8	1/4 BSP major Ø	checked with a TRG			1/4 BSP (G0:- 5YM 1732 N0G0:- 322)						(S1TR1)	OK
9	13.15 - 0.25 $\pm 0.1$	12.97	12.98	12.98	13.03	13.01	13.01	13.02	13.01	13.02	12.98	OK
10	8.00 $\pm 0.1$	8.10	8.01	8.11	8.04	8.00	7.98	8.04	8.02	8.10	8.08	OK
11	Ø 19.00 $\pm 0.1$	19.02	13.95	19.05	13.95	13.95	13.98	19.08	19.01	19.05	18.96	OK
12	Ø 9.0 - 0.05 $\pm 0.15$	9.06	9.10	9.04	9.05	9.10	9.11	9.05	9.10	9.06	9.07	OK
13	Ø 10.0 $\pm 0.1$	10.00	10.02	10.10	10.08	10.07	10.10	10.10	10.10	10.10	10.06	OK
14	13.00 $\pm 0.1$	13.22	13.25	13.18	13.21	13.18	13.19	13.13	13.25	13.19	13.20	OK 0.15
15	16.50 $\pm 0.1$	16.45	16.47	16.55	16.50	16.53	16.58	16.55	16.45	16.51	16.55	OK
16	Ø 10.0 $\pm 0.1$	10.02	9.92	10.02	9.94	9.95	9.86	10.08	10.02	10.01	9.98	OK
17	24.00 $\pm 0.1$	24.01	24.02	24.00	24.05	24.01	24.02	24.03	24.00	24.03	24.01	OK
18	Ø 8.10 - 0.0 $\pm 0.15$	checked with a Pin gauge				(G0:- 8.15 N0G0:- 8.25)						OK
19	30° Angle	checked with a bevel Protractor & found 30° Angle match										OK
20	Ø 5.50 - 0.05 $\pm 0.0$	checked with a Pin gauge			(G0:- 5.46 N0G0:- 5.56)							OK 0.06

CHECKED BY :- Shubham

20-09-2025

SIGN & Dt:-

APPROVED BY :-

DATE:-

PREVIOUS DATE : 08/08/2025  
PREVIOUS REPORT NO : 2511057/251186  
RECEIVED QTY  
LOT 1 : 5180 nos.  
LOT 2 : nos.  
LOT 3 : nos.  
LOT 4 : nos.

REMARK: 1) Accepted as per Previous Report + conditionally accepted.

- 2)
- 3)
- 4)
- 5)

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## DIMENSIONAL INSPECTION REPORT

Part Description:-

Part No:-

C.P.O:-

Order Date:-

Order Qty:-

Vendor Name:-

S.P.O: SQPO2526

Order Date:-

Order Qty:-

Buyer name:-

DATE:-

Report No:-25/

ZINC	<input type="checkbox"/>
COPPER	<input type="checkbox"/>
NICKEL	<input type="checkbox"/>
NICKEL CHROME	<input type="checkbox"/>
TIN	<input type="checkbox"/>
Un-plated	<input type="checkbox"/>

### MATERIAL GRADE :-

SR NO	SAMPLE PARAMETER	1	2	3	4	5	6	7	8	9	10	REMARK
21	2.0 $\pm 0.1$	Calculate the reference $\phi$ with Tan 30 10.37	10.30	10.33	10.30	10.32	10.37	10.30	10.30	10.32	10.38	OK
22	$\phi 8.0 \pm 0.05$	checked with a pin gauge (Go:- 8.00 Nogo:- 8.06)										0.05 0.01
23	$\phi 0.80 \pm 0.10$	0.73	0.78	0.81	0.85	0.70	0.75	0.79	0.80	0.75	0.72	OK
24	$\phi 9.0 \pm 0.15$	9.06	9.10	9.04	9.05	9.10	9.11	9.05	9.10	9.06	9.07	OK
25	M5x0.86H	Checked with a TPG1 M5x0.86H (Go/Nogo:- 5/TP101)										OK
26	Minor $\phi$ 4.13 - 4.33	4.32	4.30	4.31	4.30	4.31	4.30	4.30	4.30	4.31	4.30	OK
27	7.80 $\pm 0.1$	9.69	9.97	9.83	9.85	9.83	10.19	9.85	10.02	10.14	9.98	0.05 2.29
28	11.80 $\pm 0.1$	11.80	11.88	11.93	11.85	11.90	11.88	11.88	11.91	11.93	11.82	0.05 0.03
29	$\phi 0.80 \pm 0.1$	checked with a pin gauge (Go:- 0.70 Nogo:- 0.88)										OK
30	$\phi 8.10 \pm 0.15$	checked with a pin gauge (Go:- 8.15 Nogo:- 8.25)										OK
31	Angle 30°	checked with a bevel Protractor & found 28° matched										15° 2°
32	2.00 $\pm 0.1$	As per found angle calculated Reference $\phi$ is 10.22 10.24	10.12	10.13	10.17	10.10	10.05	10.20	10.05	10.21	10.10	OK
33	$\phi 5.50 \pm 0.05$	checked with a pin gauge (Go:- 5.46 Nogo:- 5.52)										0.05 0.02
34	6.50 $\pm 0.1$	6.60	6.40	6.62	6.63	6.57	6.58	6.62	6.56	6.63	6.62	0.05 0.03
35	M10x1.0 <sup>6H</sup>	checked with a TPG1 M10x1.0 6H (Go/Nogo:- 5/TP117)										OK
36	Minor $\phi$ 8.91 / 9.15	9.03	9.02	9.03	9.06	9.02	9.02	9.03	9.04	9.05	9.05	OK
37	1X45°					1.0 X 45°						OK
38	23.50 $\pm 0.1$	23.58	23.60	23.56	23.48	23.54	23.60	23.55	23.58	23.52	23.52	OK
39	M10 Thread length.	21.54	21.85	22.28	21.46	21.58	21.88	20.50	22.2	20.30	21.60	OK
40	6.50 $\pm 0.1$	6.52	6.42	6.47	6.57	6.53	6.53	6.43	6.53	6.53	6.51	OK

CHECKED BY :-

APPROVED BY :-

PREVIOUS DATE :

PREVIOUS REPORT NO :

RECEIVED QTY

LOT 1 : nos.

LOT 2 : nos.

LOT 3 : nos.

LOT 4 : nos.

SIGN & Dt:-

DATE:-

REMARK : 1)

— 2)

3)

4)

5)