

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:- **ISVG0039Z-KA**

C.P.O:-

Order Date:-

Order Qty:-

Vendor Name:- **Empire**

S.P.O: SQPO25261215

Order Date:- **30-08-2025** Order Qty:- **3500**

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	± 0.1 42.00	42.02	41.96	41.98	41.98	41.95	42.00	41.93	41.94	41.98	41.96	OK
2	± 0.1 17.00	17.05	17.01	16.90	17.10	17.06	16.87	17.07	17.07	17.15	16.96	OK 0.05 W/S 0.03
3	± 0.1 14.00	14.01	13.95	14.02	13.90	13.93	13.99	14.08	14.01	14.03	13.96	OK 0.05
4	± 0.1 14.00	14.12	14.08	14.09	14.16	14.15	14.13	14.15	14.05	14.18	14.08	OK
5	1/4 BSP checked with a TRG	1/4 BSP (Go:- SYM 1732 NoGo:- 322)										OK
6	major ϕ 13.15 - 0.25	13.03	13.02	13.04	13.01	13.02	13.03	13.04	12.98	13.03	13.00	OK
7	± 0.1 12.00	12.04	12.04	12.08	12.06	11.99	12.10	12.02	12.14	12.11	12.05	OK
8	± 0.1 36.50	36.57	36.63	36.56	36.54	36.59	36.57	36.54	36.59	36.50	36.59	OK 0.03
9	1/4 BSP checked with a TRG	1/4 BSP (Go:- SYM 1732 NoGo:- 322)										OK
10	major ϕ 13.15 - 0.25	12.97	12.98	12.98	13.03	13.01	13.01	13.02	13.01	13.02	12.98	OK
11	± 0.1 8.00	8.10	8.01	8.11	8.04	8.00	7.98	8.04	8.02	8.10	8.08	OK
12	± 0.1 14.00	14.02	13.95	14.05	13.95	13.95	13.98	14.08	14.01	14.04	13.96	OK
13	± 0.15 9.00	9.06	9.10	9.04	9.05	9.10	9.11	9.05	9.10	9.06	9.07	OK
14	± 0.1 10.00	10.00	10.02	10.10	10.08	10.07	10.10	10.10	10.10	10.10	10.04	OK
15	± 0.1 13.00	13.22	13.25	13.18	13.21	13.18	13.19	13.13	13.25	13.19	13.20	OK 0.15
16	± 0.1 16.50	16.45	16.47	16.55	16.50	16.53	16.48	16.55	16.45	16.51	16.55	OK
17	± 0.1 10.00	10.02	9.92	10.02	9.94	9.95	9.86	10.08	10.02	10.01	9.98	OK
18	± 0.1 10.07	10.09	10.08	10.08	10.07	10.06	10.07	10.09	10.08	10.05	10.08	OK
19	± 0.1 24.00	24.01	24.02	24.00	24.05	24.01	24.02	24.03	24.00	24.03	24.01	OK
20	± 0.15 8.10 - 0.0	checked with a Pin gauge (Go:- 8.15 NoGo:- 8.25)										OK
21	30° Angle	checked with a bevel Protractor & found 30° Angle match										OK
22	± 0.05 5.50 - 0.05	checked with a Pin gauge (Go:- 5.46 NoGo:- 5.56)										OK 0.06

CHECKED BY :- **Shubham**

APPROVED BY :-

PREVIOUS DATE : **08/08/2025**

PREVIOUS REPORT NO : **25/1057/25/186**

RECEIVED QTY

LOT 1 : **5180** nos.

LOT 2 : nos.

LOT 3 : nos.

LOT 4 : nos.

SIGN & Dt:- **20-09-2025**

DATE:-

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

2)

3)

4)

5)

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Single Industrial Estate
Lane west-400604
India

S/DIR/34 Rev.12 26/08/25
Phone : 45196493/94/95/96
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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	± 0.1 2.0	10.37	10.30	10.33	10.30	10.32	10.37	10.80	10.30	10.32	10.38	OK
22	± 0.05 ± 0.0 $\phi 8.0$	Calculated the Reference ϕ with $\tan 30$ Reference ϕ is 10.40 checked with a Pin gauge (Go:- 8.00 NoGo:- 8.06) $\phi 5$ 0.01										
23	± 0.10 $\phi 0.80$	0.73	0.78	0.81	0.85	0.70	0.75	0.79	0.80	0.75	0.72	OK
24	± 0.15 $\phi 9.0$	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 TPG M5x0.86H (Go/NoGo:- 5/TP/101)										OK
26	minor ϕ 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	± 0.1 7.80	9.69	9.97	9.83	9.85	9.83	10.19	9.85	10.02	10.19	9.98	$\phi 5$ 2.29
28	± 0.1 11.80	11.80	11.88	11.93	11.85	11.90	11.88	11.88	11.91	11.93	11.82	$\phi 5$ 0.03
29	± 0.1 $\phi 0.80$	checked with a Pin gauge (Go:- 0.70 NoGo:- 0.88)										OK
30	± 0.15 $\phi 8.10$	checked with a Pin gauge (Go:- 8.15 NoGo:- 8.25)										OK
31	Angle 30°	checked with a level Protractor & found 28° matched $\phi 5$ 2°										
32	± 0.1 2.00	10.24	10.12	10.13	10.17	10.10	10.05	10.20	10.05	10.21	10.10	OK
33	± 0.05 ± 0.05 $\phi 5.50$	checked with a Pin gauge (Go:- 5.46 NoGo:- 5.52) $\phi 5$ 0.02										
34	± 0.1 6.50	6.60	6.40	6.62	6.63	6.57	6.58	6.62	6.56	6.63	6.62	$\phi 5$ 0.03
35	M10x1.0 ^{6H}	checked with a TPG M10x1.06H (Go/NoGo:- 5/TP/177)										OK
36	minor ϕ 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°	1.0x45°										OK
38	± 0.1 23.50	23.58	23.60	23.56	23.48	23.54	23.60	23.54	23.48	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	21.40	OK
40	± 0.1 6.50	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 :

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LOT 4 : nos.

SIGN & Dt:-

DATE:-

REMARK : 1)

2)

3)

4)

5)