

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 Flange 1/2"

Part No:- 13165

C.P.O:-

Order Date:-

Order Qty:-

Vendor Name:- Rudra.

S.P.O: SQPO2526 1732

Order Date:- 4/11/25

Order Qty:- 800

Buyer name:- Termik

DATE:- 7/12/25

Report No:-2526/ 0432

ZINC ☐
COPPER ☐
NICKEL ☐
NICKEL CHROME ☐
TIN ☐
Un-plated ☒

MATERIAL GRADE :- Brass

| SR NO | SAMPLE PARAMETER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | REMARK |
|-------|---------------------------------|--|----------------|----------------|----------------------|----------------|----------------|----------------------|----------------|----------------|---------------------|--------|
| 1 | -0.1/-0.5 65 | 64.84 .88 | 64.74 .82 | 64.78 .86 | 64.74 .83 | 64.88 .86 | 64.92 .86 | 64.76 .88 | 64.81 .90 | 64.75 .89 | 64.78 .86 | 0/0.02 |
| 2 | 0.51 0.3 | 50.96 | 51.98 | 51.04 | 50.96 | 50.96 | 51.00 | 50.98 | 50.96 | 50.96 | 50.98 | OK |
| 3 | 0.28 0.2 | 28.00 | 28.00 | 28.04 | 28.02 | 28.02 | 28.00 | 28.01 | 27.99 | 27.99 | 28.00 | OK |
| 4 | 0.3 (72) | 71.70 .87 | 71.69 .84 | 71.69 .83 | 71.68 .90 | 71.76 .89 | 71.73 .88 | 71.71 .84 | 71.70 .84 | 71.60 .81 | 71.67 .84 | OK |
| 5 | ✓ | Visually checked | | | | | | | | | | OK |
| 6 | 6x8.7 0.05 | checked with pin | | | | | | | | | | OK. |
| 7 | 4 0/-0.2 | 3.88 4.00 | 3.83 3.97 | 3.82 4.01 | 3.83 4.00 | 3.97 4.02 | 3.92 4.04 | 4.01 3.92 | 3.93 4.00 | 3.96 4.00 | 3.97 4.03 | OK. |
| 8 | marking mm 0.5mm | 0.82 | 0.81 | 0.82 | 0.82 | 0.78 | 0.80 | 0.80 | 0.82 | 0.81 | 0.82 | 0/0.04 |
| 9 | electrical grounding marking | Earthing symbol observed damage not clearly visible. | | | | | | | | | | OK |
| 10 | 0.75x45 ⁰ x6 | 0.75x45 ⁰ | | | 0.80x45 ⁰ | | | 0.75x45 ⁰ | | | 0.8x45 ⁰ | OK |
| 11 | G1/2" | G1/2" | DIN | BMN | 1743 | GO/ | S/ TR/ | 267 | Nogo | B | | OK. |
| 12 | 47.803(-0.360) major | 47.52 | 47.52 | 47.52 | 47.53 | 47.52 | 47.51 | 47.53 | 47.53 | 47.52 | 47.52 | OK |
| 13 | 46.324(-0.360) pitch | 46.005 | 45.998 | 46.014 | 46.013 | 46.005 | 45.994 | 46.016 | 46.013 | 46.001 | 46.003 | OK |
| 14 | 0.44.5 0.3 | 44.53 | 44.54 | 44.53 | 44.53 | 44.53 | 44.53 | 44.54 | 44.53 | 44.53 | 44.53 | OK |
| 15 | 0.41.5 0.3 | 41.46 | 41.43 | 41.44 | 41.47 | 41.45 | 41.45 | 41.46 | 41.46 | 41.47 | 41.46 | OK |
| 16 | 26 0.2 | 25.19 | 25.20 | 25.15 | 25.13 | 25.22 | 25.06 | 25.06 | 25.15 | 25.20 | 25.29 | OK |
| 17 | 19 0.1 | 19.49 | 19.50 | 19.49 | 19.48 | 19.48 | 19.50 | 19.50 | 19.49 | 19.50 | 19.48 | OK |
| 18 | 0.40 0.3 | 40.57 41.15 | 40.42 41.22 | 40.39 41.22 | 40.42 40.15 | 40.40 41.22 | 40.41 41.22 | 40.44 41.25 | 40.41 41.30 | 40.42 41.36 | 40.40 41.35 | OK |
| 19 | 29.5 0.2 | 29.51 | 29.52 | 29.52 | 29.51 | 29.51 | 29.51 | 29.50 | 29.49 | 29.51 | 29.52 | OK |
| 20 | 20 0.2 | 19.98 | 19.97 | 19.97 | 19.98 | 20.00 | 19.98 | 19.99 | 19.98 | 19.99 | 19.99 | OK |

CHECKED BY :-

APPROVED BY :-

PREVIOUS DATE :

PREVIOUS REPORT NO :

RECEIVED QTY

LOT 1 : 847

nos. 7/12/25

LOT 2 :

nos.

LOT 3 :

nos.

LOT 4 :

nos.

SIGN & Dt:- 8/12/25

DATE:- 8-12-25

REMARK : 1)

2)

3)

4)

5)

10 Nos send to buyer for approval.

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MATERIAL GRADE :-

| SR NO | SAMPLE PARAMETER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | REMARK |
|-------|------------------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 1 | 3.5 ± 0.1 | 3.55 | 3.53 | 3.57 | 3.50 | 3.49 | 3.58 | 3.57 | 3.56 | 3.55 | 3.57 | OK |
| 2 | 1 ± 0.1 | 0.99 | 0.98 | 0.99 | 1.00 | 0.98 | 0.98 | 0.98 | 0.99 | 1.00 | 0.98 | OK |
| 3 | 5.5 ± 0.1 | 5.63 5.72 | 5.68 5.72 | 5.58 5.73 | 5.60 5.62 | 5.68 5.72 | 5.63 5.65 | 5.57 5.70 | 5.66 5.65 | 5.56 5.62 | 5.57 5.75 | OK 0.10 |
| 4 | ✓ | visually checked | | | | | | | | | | OK. |
| 5 | M4 | M4x0.7-6H PNC 7595 G0/ PPF 5687 Nogo. | | | | | | | | | | OK. |
| 6 | 3242/3422 minor | 3.38 | 3.40 | 3.41 | 3.38 | 3.38 | 3.39 | 3.40 | 3.40 | 3.41 | 3.38 | OK |
| 7 | 7 ± 0.2 | 6.82 | 6.85 | 6.85 | 6.82 | 6.84 | 6.90 | 6.83 | 6.82 | 6.80 | 6.80 | OK |
| 8 | 5 ± 0.1 | 4.96 | 4.94 | 4.93 | 4.93 | 4.93 | 4.98 | 4.92 | 4.90 | 5.02 | 4.99 | OK |
| 9 | 0.60x4.5° | 0.4x4.5° | | | 0.35x4.5° | | | 0.38x4.5° | | | 0.4x4.5° | OK 0.10 |
| 10 | M4 | M4x0.7 6H PNC 7595 G0/ PPF 5687 Nogo | | | | | | | | | | OK |
| 11 | 3242/3422 minor | Unable to checked | | | | | | | | | | — |
| 12 | 0.9 ± 0.2 | 7.34 8.92 | 7.40 8.80 | 7.23 8.80 | 7.32 8.81 | 7.31 8.92 | 7.25 8.82 | 7.23 9.01 | 7.23 8.94 | 7.34 8.90 | 7.31 9.04 | OK 0.20 |
| 13 | 7 ± 0.2 | 7.00 | 6.94 | 6.94 | 6.94 | 6.97 | 6.93 | 7.00 | 6.97 | 7.00 | 6.94 | OK |
| 14 | 5 ± 0.1 | 4.95 | 5.00 | 4.96 | 5.09 | 5.09 | 4.94 | 5.00 | 5.02 | 4.93 | 4.92 | OK |
| 15 | 0.6x4.5° | 0.4x4.5° | | | 0.4x4.5° | | | 0.4x4.5° | | | 0.4x4.5° | OK |
| 16 | Ra 1.6. | Checked with comparator | | | | | | | | | | OK |
| 17 | u/cut 44.70 ± 0.05 | 44.68 | 44.66 | 44.67 | 44.67 | 44.67 | 44.66 | 44.68 | 44.69 | 44.68 | 44.68 | OK |
| 18 | width 2.0 ± 0.1 | checked with pin 1.90 G0/ 2.10 Nogo | | | | | | | | | | OK. |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |

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5)