

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

Part No:- BX-031

C.P.O:-

Order Date:-

Order Qty:-

Vendor Name:- Rudra

S.P.O: SQP025260946

Order Date:- 27/07/2025

Order Qty:- 1100

Buyer name:- Baker Heatrod

DATE:- 14/09/2025

Report No:- 251

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

MATERIAL GRADE :- B7935

SR NO	SAMPLE PARAMETER	1	2	3	4	5	6	7	8	9	10	REMARK
1	85.50 ^{+0.3}	85.65	85.80	85.51	85.84	85.80	85.82	85.84	85.84	85.84	85.78	013 2.04 ✓
2	8XR5	checked with radius gauge size R5 and found OK										OK
3	1 1/2 BSP	checked with TRW gauge 1 1/2-11A D7N UNO (BMN 1743) 5 Nuts (3mm/24) OK										
4	Major dia 47.80 ^{+0.360}	47.60	47.56	47.58	47.58	47.56	47.58	47.55	47.58	47.57	47.62	OK
5	Pitch dia 46.32 ^{+0.36}	46.042	46.037	46.033	46.039	46.035	46.020	46.030	46.040	46.038	46.022	OK
6	84.98 ^{+0.3}	84.91	84.96	84.94	84.95	84.96	84.91	84.93	84.96	84.93	84.92	OK
7	44.90 ^{+0.3}	44.74	44.77	44.87	44.80	44.80	44.82	44.80	44.85	44.78	44.78	OK
8	9.50 ^{+0.2}	9.33	9.41	9.42	9.58	9.47	9.42	9.63	9.51	9.35	9.37	OK
9	12.50 ^{+0.2}	12.54	12.52	12.52	12.52	12.51	12.52	12.54	12.53	12.52	12.52	OK
10	8.30 ^{+0.2}	8.44	8.43	8.43	8.42	8.42	8.43	8.45	8.40	8.46	8.41	OK
11	3 ^{+0.1}	checked with slip gauge size 3.10 Nono and 2.90 UNO										OK
12	3 ^{+0.1}	2.98	3.00	3.00	3.00	2.98	3.01	3.02	2.99	3.01	3.01	OK
13	4 ^{+0.1}	checked with pin gauge 3.90 UNO and 4.10 Nono										OK
14	Imm counter	0.54	0.80			0.75	0.76		0.53			015 0.36 ✓
15	4.25 ^{+0.1}	4.30	4.22	4.28	4.18	4.26	4.13	4.23	4.28	4.25	4.20	OK
16	9.75 ^{+0.2}	9.74	9.76	9.92	9.85	9.90	9.86	9.81	9.88	9.89	9.89	OK
17	1.75 ^{+0.1}	1.90	1.95	1.81	1.95	1.92	1.95	1.98	1.91	1.95	1.92	015 0.13 ✓
18	R1	checked with radius gauge R1 and found oversize (R1.25 match)										015 0.25 ✓
19	45°	45°				45°					45°	OK
20	54 ^{+0.3}	54.04	54.03	54.01	54.02	54.03	54.04	54.06	54.03	54.01	54.05	OK

CHECKED BY:- Amit

APPROVED BY:- Amit

PREVIOUS DATE :

PREVIOUS REPORT NO: 24/518

RECEIVED QTY

LOT 1 : 1170 nos.

LOT 2 : nos.

LOT 3 : nos.

LOT 4 : nos.

SIGN & Dt:-

DATE:- 20/09/2025

REMARK: 1) Sr. No. 3, 4, 7, 9 and 10 CSK operation not done at 04.
2) 25 nos checked for wall thickness and found (2.35 to 2.40).
3) Thread length not found with in tolerance using thread plug gauge but checked with M5
4) Bolt and found with in tolerance.
5) CSK 0.5mm accepted Approval taken from buyer.

SUPRA QUALITY EXPORTS (I) PVT LTD

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Chane west-400604
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S/DIR/34 Rev.12 26/08/25
Phone : 45196493/94/95/96
Email: quality@supraexports.in

DIMENSIONAL INSPECTION REPORT

Part Description:- Brass Flange

Part No:- BX-031

C.P.O:-

Order Date:-

Order Qty:-

Vendor Name:- Rudra

S.P.O: SQPO2526

Order Date:-

Order Qty:-

Buyer name:- Baker Hattod 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 checked="" type="checkbox"/>

MATERIAL GRADE:- Brass

SR NO	SAMPLE PARAMETER	1	2	3	4	5	6	7	8	9	10	REMARK
1	45.50 ± 0.3	45.91	45.90	45.75	45.86	46.01	45.78	45.89	45.84	45.90	45.80	013 ✓
2	88 ± 0.3	45.80	45.80	45.62	45.72	45.81	45.73	45.91	45.83	45.83	45.78	0-11 ✓
3	R1	37.90	37.98	37.89	37.94	38.04	38.01	38.02	37.98	37.99	37.95	013 ✓
4	4.17 ± 0.1	37.69	37.70	37.61	37.64	37.78	37.87	37.74	37.72	37.66	37.70	0-0.9 ✓
5	M5x2 thread	checked with Radius gauge R1 and Found OK										OK
6	4.25 ± 0.1	4.17	4.17	4.17	4.19	4.14	4.20	4.21	4.15	4.17	4.17	013 ✓
7	9.75 ± 0.2	4.16	4.12	4.10	4.16	4.13	4.13	4.18	4.09	4.14	4.16	0-0.4 ✓
8	1.75 ± 0.1	checked with TAP M5x0.8-6H (PAK 14623 / PAK 13468)										OK
9	5.25 ± 0.1	4.20	4.28	4.18	4.17	4.27	4.21	4.14	4.26	4.32	4.29	OK
10	6 ± 0.1	4.18	4.20	4.17	4.19	4.22	4.15	4.18	4.18	4.14	4.14	OK
11	8.30 ± 0.2	9.74	9.81	9.84	9.87	9.77	9.83	9.85	9.77	9.81	9.81	OK
12	1.75 ± 0.1	1.85	1.85	2.02	1.78	1.93	1.89	1.84	1.96	1.87	1.88	013 ✓
13	5.25 ± 0.1	5.31	5.24	5.31	5.29	5.31	5.30	5.35	5.24	5.38	5.36	0-11 ✓
14	6 ± 0.1	5.23	5.20	5.23	5.19	5.35	5.21	5.29	5.19	5.31	5.35	OK
15	8.30 ± 0.2	6.14	6.07	6.08	6.05	6.01	6.02	6.13	6.06	6.07	6.02	013 ✓
16	9.50 ± 0.2	6.07	6.00	6.07	6.01	5.98	6.00	6.02	6.03	6.06	6.00	2-0.4 ✓
17	5.30 ± 0.1	8.44	8.43	8.43	8.42	8.42	8.43	8.45	8.40	8.46	8.41	OK
18	5.00 ± 0.1	8.40	8.42	8.42	8.38	8.40	8.42	8.42	8.38	8.43	8.40	OK
19	30°	9.87	9.63	9.61	9.61	9.69	9.49	9.68	9.68	9.62	9.53	013 ✓
20	30°	9.81	9.53	9.48	9.62	9.62	9.45	9.63	9.65	9.52	9.51	0-1.7 ✓
21	5.30 ± 0.1	5.33	5.36	5.39	5.26	5.32	5.26	5.29	5.27	5.29	5.30	OK
22	Thread depth M5	5.24	5.23	5.34	5.28	5.26	5.21	5.24	5.24	5.24	5.24	OK
23	5.00 ± 0.1	4.61	4.21	4.54	3.87	4.48	4.57	4.41	4.24	4.34	4.34	013 ✓
24	1.5X45°	4.15	4.57	4.42	3.84	4.46	4.30	4.43	4.32	4.25	4.49	0-7.5 ✓
25	1.5X45°	1.5X45°				1.45X45°					1.45X45°	OK
26	30°	Unable to checked this angle.										-
27	Wall thickness	2.38	2.40	2.38	2.37	2.38	2.37	2.29	2.37	2.35	2.38	-
28	2.30 ± 0.1	2.35	2.37	2.31	2.35	2.37	2.38	2.25	2.30	2.37	2.34	-
29	Thread depth M5	5.08	5.26	5.23	5.25	5.41	5.27	5.12	5.14	5.35	5.30	013 ✓
30	5.00 ± 0.1	5.22	5.24	5.28	5.16	5.18	5.24	5.22	5.32	5.34	5.36	0-7.5 ✓
31	30°	30°				30°				30°		OK
32	30°	30°				30				30°		OK

CHECKED BY:- Amir

APPROVED BY:- Amir

PREVIOUS DATE :
PREVIOUS REPORT NO :
RECEIVED QTY

SIGN & Dt:- [Signature]

DATE:-

LOT 1 : nos.
LOT 2 : nos.
LOT 3 : nos.
LOT 4 : nos.

REMARK : 1)

2)

3)

4)

5)