



DIMENSIONAL INSPECTION REPORT

Customer	Part Name	DRW NO	REV	Inspector
DEMO		DEMO	1	Lex Goldman

ORDER NO	MACHINE	Sample Size	Unit	Date
			mm	2026-01-21

Dim	Zone	Nominal	Tol+	Tol-	S.N. 1	S.N. 2	S.N. 3	S.N. 4	S.N. 5	Tool
1		∠	0.1		0.014	0.021	0.043	0.023	0.015	CMM
2.1		∅ 6	0.1	-0.1	6.037	6.086	5.986	5.993	5.943	CMM
2.2		∅ 6	0.1	-0.1	6.215	6.044	5.971	6.144	6.011	CMM
3.1		∅	0.1 (M)		0.034 _{0.137}	0.034 _{0.137}	0.034 _{0.137}	0.034 _{0.137}	0.034 _{0.137}	CMM
3.2		∅	0.1 (M)		0.08 _{0.115}	0.08 _{0.115}	0.08 _{0.115}	0.08 _{0.115}	0.08 _{0.115}	CMM
4		54.6	0.2	-0.2	54.567	54.765	54.549	54.536	54.658	CMM
5		M5X08			Yes	Yes	No	Yes	Yes	THREAD GAGE
6.1		∅	0.2		0.018	0.087	0.022	0.009	0.064	CMM
6.2		∅	0.2		0.189	0.19	0.013	0.017	0.014	CMM
6.3		∅	0.2		0.034	0.034	0.21	0.016	0.006	CMM
6.4		∅	0.2		0.194	0.194	0.022	0.078	0.018	CMM
6.5		∅	0.2		0.2	0.188	0.23	0.087	0.017	CMM
7		∅ 60	0.1	-0.1	60.027	60.087	60.012	59.951	60.013	CMM
8		50	0.2	-0.2	49.988	50.054	49.976	49.995	50.026	CMM
9.1		7.5	0.2	-0.2	7.488	7.246	7.563	7.863	7.631	CMM
9.2		7.5	0.2	-0.2	7.52	7.332	7.501	7.635	7.449	CMM
9.3		7.5	0.2	-0.2	7.485	7.412	7.492	7.455	7.589	CMM
9.4		7.5	0.2	-0.2	7.517	7.523	7.592	7.52	7.52	CMM
9.5		7.5	0.2	-0.2	7.505	7.56	7.513	7.555	7.527	CMM
10		3	0.2	-0.2	3.011	3.232	3.084	3.07	3.037	CMM
11		38.5	0.1	-0.1	38.589	38.421	38.504	38.509	38.471	CMM
12		62.75	0.1	-0.1	62.712	62.67	62.73	62.794	62.695	CMM
13		108.7	0.3	-0.3	108.832	108.832	108.624	108.775	108.734	CMM
14		M6X1.0								THREAD GAGE
15		2.5	0.1	-0.1	2.59	2.583	2.517	2.522	2.372	CMM
16		∅ 60	0.1	-0.1	59.97	59.97	59.976	59.947	60.125	CMM
17		◎	0.2		0.033	0.033	0.006	0.007	0.01	CMM
18		∅ 65	0.1	-0.1	65.041	65.041	65.009	65.013	65.017	CMM
19		◎	0.2		0.083	0.083	0.066	0.007	0.001	CMM
20		∅ 70	0.1	-0.1	70.011	70.011	69.985	70.018	69.999	CMM

Dim	Zone	Nominal	Tol+	Tol-	S.N. 1	S.N. 2	S.N. 3	S.N. 4	S.N. 5	Tool
21		//	0.1		0.052	0.052	0.021	0.011	0.009	CMM
22		∅ 83	0.05	-0.05	82.979	82.979	82.996	82.985	83.01	CMM
23		◎	0.05 (M)		0.029 0.029	0.029 0.029	0.029 0.029	0.029 0.029	0.029 0.029	CMM
24		∅ 74	0.1	-0.1	73.988	73.988	73.969	74.024	74.044	CMM
25		◎	0.05 (M)		0.02 0.112	0.02 0.112	0.02 0.112	0.02 0.112	0.02 0.112	CMM