

## Testing Report

Report No.:HZ20201102007 Date:Nov 2<sup>nd</sup>,2020 Page:1/2

Sample Name:Handle Lock

Sample Item No. : MT206-4

Sample Qty. :3PCS

Sample color : brass with bright chrome plating

Testing: Tensile test, Torque test and salt spray test

Sample receive date:2020.10.28

Finish Date:2020.11.02

Testing Result: Qualified

No.	Testing	Testing Standard and Requirement	Testing Data	Testing Result
1	Tensile Test	≤150KGS	409KGS	OK
2	Torque Test	2.96N.M	4.6N.M	OK
3	Salt Spray Test	72 hours for bright chrome plating,48 hours for white zinc plating	72H	OK

Tested By:Mr. Bai Guangyuan

F-MQ081 VER: 01

1. Tensile Testing pictures as below



2. Torque Testing pictures as below



标准螺纹联接预紧力和扭矩值表 (参考)

标准螺纹	机械性能等级													
			4.8		5.8		6.8		8.8		10.9		12.9	
	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)	预紧力 (N)	扭矩 (N·m)
M2	1.5	4	454	0.17	567	0.22	681	0.26	907	0.34	1276	0.48	1531	0.58
M2.5	2	5	743	0.35	929	0.44	1115	0.53	1486	0.71	2090	0.99	2508	1.19
M3	2.5	5.5	1102	0.63	1378	0.79	1654	0.94	2205	1.28	3101	1.77	3721	2.12
M3.5	-	6	1486	0.99	1858	1.24	2229	1.48	2972	1.98	4179	2.78	5015	3.34
M4	3	7	1924	1.46	2405	1.83	2887	2.19	3849	2.93	5412	4.11	6495	4.94
M5	4	8	3112	2.96	3890	3.70	4668	4.44	6225	5.91	8753	8.32	10504	10.0
M6	5	10	4405	5.02	5507	6.28	6608	7.53	8811	10.0	12390	14.1	14868	17.0
M7	-	11	6334	8.42	7918	10.5	9501	12.6	12668	168	17815	23.7	21378	28.4
M8	6	13/14	8022	12.2	10027	15.2	12033	18.3	16044	24.2	22562	34.3	27074	41.2

3. Salt Spray Testing pictures as below



\*\*\*The end\*\*\*