


MATERIAL DECLARATION SHEET



Material Number	H-46	
Product Line	Counting Dial	
Compliance Date	2021-11-22	
RoHS Compliant	Yes	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Materials/ Substances	CASRN If applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. [%]
1	Case	Aluminum	1.98	Aluminum	1344-28-1	96	2.7256	2.8391
				Magnesium	7439-96-5	1.333	0.0378	
				Calcium	7440-70-2	1.333	0.0378	
				Silicon	7440-21-3	1.333	0.0378	
2	Rotor	Zinc Alloy	32.16	Zinc	7440-66-6	94.82	43.7254	46.1141
				Aluminium	1344-28-1	4.16	1.9183	
				Magnesium	7439-95-4	0.1	0.0461	
				Copper	7440-50-8	0.9	0.4150	
				Silicon	7440-21-3	0.02	0.0092	
3	Lock Lever	Zinc Alloy	5.02	Zinc	7440-66-6	94.82	6.8253	7.1982
				Aluminium	1344-28-1	4.16	0.2994	
				Magnesium	7439-95-4	0.1	0.0072	
				Copper	7440-50-8	0.9	0.0648	
				Silicon	7440-21-3	0.02	0.0014	
4	Brake	Zinc Alloy	1.12	Zinc	7440-66-6	94.82	1.5228	1.606
				Aluminium	1344-28-1	4.16	0.0668	
				Magnesium	7439-95-4	0.1	0.0016	
				Copper	7440-50-8	0.9	0.0145	
				Silicon	7440-21-3	0.02	0.0003	

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5	Washer	Bronze	0.15	Copper	7440-50-8	91.68	0.1972	0.2151
				Tin	7440-31-5	8.167	0.0176	
				Phosphorus	7723-14-0	0.153	0.0003	
6	Gear	Nylon	0.12	Polyamide	32131-17-2	50	0.0860	0.1721
				Homopolymer(benzen	88497-56-7	10	0.0172	
				Antimony Oxide	1309-64-4	10	0.0172	
				Glass	65997-17-3	30	0.0516	
7	Knob	PC	3.25	Polycarbonate	1344-28-1	100	4.6602	4.6602
8	Dial	PC	5.58	Polycarbonate	1344-28-1	100	8.0011	8.0011
9	Bottom Cover	Zinc Alloy	20.35	Zinc	7440-66-6	94.82	27.6683	29.1798
				Aluminium	1344-28-1	4.16	1.2139	
				Magnesium	7439-95-4	0.1	0.0292	
				Copper	7440-50-8	0.9	0.2626	
				Silicon	7440-21-3	0.02	0.0058	
10	Lube	Polysiloxane	0.01	Polysiloxane	9011-19-2	100	0.0143	0.0143
		Total weight	69.74					

The weight was measured by model H-46-6M.

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.