

BOM For 6DOF Robot Arm

Sl. No	Name of the component	Quantity	Pack Price (in ₹)	Final cost (in ₹)	Link
1	Ball bearing (608zz) (4pc.)	5	64	128	https://robu.in/product/608zz-ball-bearing-4-pcs/
2	Bearing (623ZZ) (4pc.)	7	91	182	https://robu.in/product/623zz-bearing-4-pcs/
3	M3 Brake Nut (50pc)	5	134	134	https://onlyscrews.in/product/m3-brake-nut-50-pcs/
4	Screw M3 x 10 mm (50pc)	50	3.2	160	https://onlyscrews.in/product/m3-x-10-mm-screw-50-pcs/
5	Screw M3 x 16 mm (25pc)	25	3.56	89	https://onlyscrews.in/product/m3-x-16-mm-screw-25-pcs/
6	Gear GT2 (2pc)	3	40	87.5	https://robu.in/product/gt2-gear-2-pcs/
7	Thrust Bearing 8x19x7 mm (1pc)	2	75	150	https://robu.in/product/8x19x7-mm-thrust-bearing-1-pc/
8	M8 Brake Nut (1pc)	2	5	10	https://onlyscrews.in/product/m8-brake-nut-1-pc/
9	Thrust Needle Roller Bearing (AXK90120) (1pc)	1	398	398	https://omrook.com/product/axk90120-thrust-needle-roller-bearing-1-pc/
10	Belt GT2 loop (1pc)	1	69	69	https://robu.in/product/gt2-belt-loop-1-pc/
11	Belt GT2 with red tape (1pc)	1	156	156	https://robu.in/product/gt2-belt-with-red-tape-1-pc/
12	Screw M4 x 40 mm (25pc)	3	40	120	https://onlyscrews.in/product/m4-x-40-mm-screw-25-pcs/
13	M4 Brake Nut (50pc)	3	25	75	https://onlyscrews.in/product/m4-brake-nut-50-pcs/
14	Aluminium Tube (1pc) (we use pvc)	0	0	0	https://www.experte.com/
15	Screw M8 x 55 mm (25pc)	1	150	150	https://onlyscrews.in/product/m8-x-55-mm-screw-25-pcs/
16	Screw M8 x 90 mm (25pc)	2	175	175	https://onlyscrews.in/product/m8-x-90-mm-screw-25-pcs/
17	Torsion Spring (1pc)	1	99	99	https://www.fastdep.com/product/torsion-spring-1-pc/
18	Belt GT2 with Green tape (1pc)	1	156	156	https://robu.in/product/gt2-belt-with-green-tape-1-pc/
19	M8 Washer (50pc)	1	38	38	https://onlyscrews.in/product/m8-washer-50-pcs/
20	Screw M8 x 40 mm (25pc)	1	125	125	https://onlyscrews.in/product/m8-x-40-mm-screw-25-pcs/
21	Thrust Bearing 20x40x14 mm (1pc)	1	200	200	https://robu.in/product/20x40x14-mm-thrust-bearing-1-pc/
22	M5 Brake Nut (50pc)	2	34	68	https://onlyscrews.in/product/m5-brake-nut-50-pcs/
23	Screw M3 x 5 mm (15pc)	4	17	68	https://onlyscrews.in/product/m3-x-5-mm-screw-15-pcs/
24	Screw M2 x 5 mm (12pc)	8	7	56	https://onlyscrews.in/product/m2-x-5-mm-screw-12-pcs/
25	Bearing 6x19x6 mm (1pc)	1	193	193	https://www.moglix.com/product/6x19x6-mm-bearing-1-pc/
26	Bearing 5x14x5 mm (1pc)	1	150	150	https://www.indiamart.com/product/5x14x5-mm-bearing-1-pc/
27	M5 Washer (50pc)	1	66	66	https://onlyscrews.in/product/m5-washer-50-pcs/
28	Screw M5 x 40 mm (25pc)	1	150	150	https://onlyscrews.in/product/m5-x-40-mm-screw-25-pcs/
29	Screw M6 x 50 mm (25pc)	1	180	180	https://onlyscrews.in/product/m6-x-50-mm-screw-25-pcs/
30	M6 Brake Nut (50pc)	2	42	84	https://onlyscrews.in/product/m6-brake-nut-50-pcs/