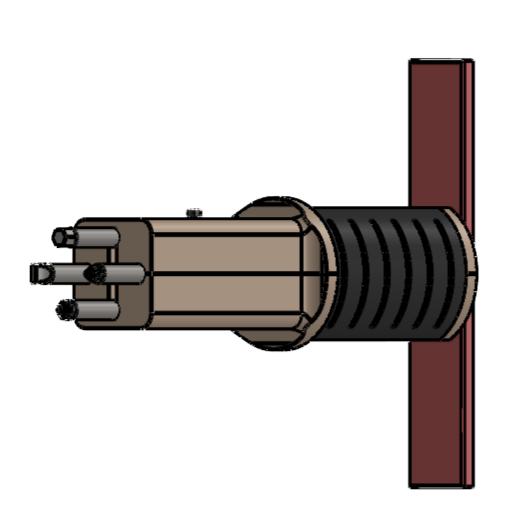


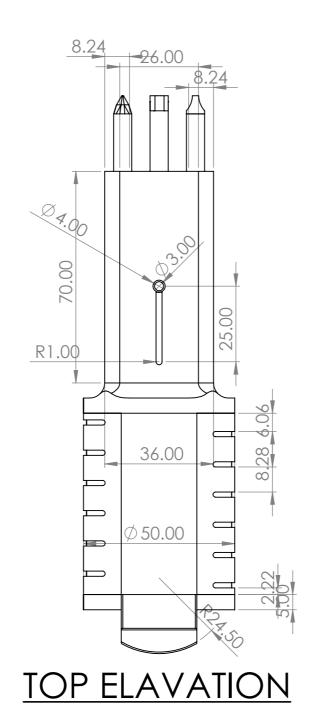
Material	Yield/Compressive /Tesile Mpa	Bearing strength MPA	Modulus of Elasticity (GPa)	Shear strength(MPa)
HIGH CARBON STEEL (AISI 1095)	1300	2600	200	750
Acrylonitrile butadiene styrene	50	100	2.3	28.85
Themo plastic Rubber	10	20	0.12	5.77
AISI 1020 Plain carbon Steel	400	800	190	230.8

END ELAVATION





FRONT ELAVATION



No	Component	Material	FOS
1	Body	acrylonitrile butadiene styrene	3
2	Screw	HIGH CARBON STEEL (AISI 1095)	3
3	Foldable Handle	acrylonitrile butadiene styrene	2
4	Magnet	Alnico	2
5	Pin(screw exiter)	AISI 1020 Plain carbon Steel	2
6	Grip	Thermo plastic Rubber	2
7	Screw exiter	AISI 1020 Plain carbon Steel	2

PROJECT: MULTIBIT SCREW DRIVER

SIONS ARE IN MILIMETRES DESIGN NO 4

NAME: MECHANICAL GROUP 4

DATE: 28/06/2023

ALL DIMENSIONS ARE IN MILIMETRES SCALE 1:1.25