elesa

OG — OVAL TAPERED KNOBS

RoHS

Material Properties P.552

ELESA Original Design I.222N、I.622、I.622N

OG (Self-Locking, Inserted)
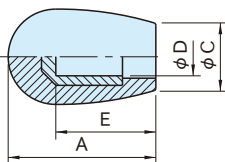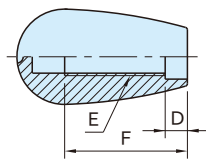
OG-M (Tapped)

OG-N (Self-Locking)

OG-N -BR
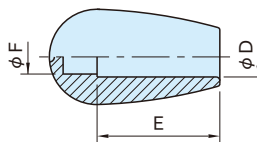(Self-Locking, Black)

OG-N -RE
(Self-Locking, Red)

OG-N -CL
(Self-Locking, White)

Type	Knob	Insert
OG	Phenolic plastic Glossy Finish Black	Polyamide plastic White
OG-N	Polyamide plastic Glossy Finish Black, Red, or White	-
OG-M	Polyamide plastic Glossy Finish Black	-

OG (Self-Locking, Inserted)

Black Part Number	A	B	C	D	E	Weight (g)
OG25	25	15	12	6	17	5
OG30	31	20	14	8	21	9
OG40	42	26	17	10	30	18
OG55	54	33	20	12	40	40
OG70	68	38	23	14	50	68
OG90	87	41	25	16	58	106

OG-N (Self-Locking)

Black Part Number	Red Part Number	White Part Number	A	B	C	D	E	F	Weight (g)
OG25N -BR	OG25N -RE	OG25N -CL	25	16	12	6	17	4	4
OG30N -BR	OG30N -RE	OG30N -CL	32	20	14	8	21	6	7
OG40NA-BR	OG40NA-RE	-	42	26	17	8	25	6	16
OG40N -BR	OG40N -RE	OG40N -CL	42	26	17	10	30	7.5	14
OG55NA-BR	OG55NA-RE	OG55NA-CL	54.5	34	21	10	40	5.5	38
OG55N -BR	OG55N -RE	OG55N -CL	54.5	34	21	12	40	5.5	36

OG-M (Tapped)

| Black Part Number	A	B	C	D	E	F	Weight (g)
OG25M	25	16	12	3.5	M 6×1	16	4
OG30M	32	20	14	3.5	M 8×1.25	20	7
OG40MA	42	26	17	5	M 8×1.25	30	18
OG40M	42	26	17	5	M10×1.5	30	16
OG55MA	54.5	34	21	8	M10×1.5	35	34
OG55M	54.5	34	21	8	M12×1.75	35	35

Features

Self-locking and threaded insert types are availble. The polyamide self-locking insert provides easy press-fit mounting on a plain shaft and allows preventing the knobfrom getting loose through successive receipt of vibrations.

· No need to thread a shaft. Knobs can accept a commercially available bright steel bar finished to h9 tolerance.
· Elastic polyamide insert provides firm gripping that is not affected by vibrations or normal pull-out force.
· Knobs can be repeatedly loaded and unloaded up to several times.

Technical Information

Working temperature : Between −20˚C and 110˚C for OG type
Between −20˚C and 50˚C for OG-N type
Between −20˚C and 90˚C for OG-M type

Strength Data OG-N (Self-Locking)
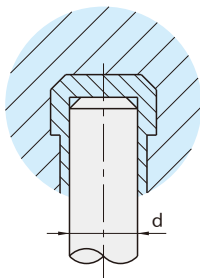
Shaft Dia d h9	Pull-Out Strength (N)
6	500
8	600
10	750
12	1200
14	1400
16	1600

Note : The above pull-out strength denotes the values that resulted from tests under certain conditions. A safety factor should be taken into consideration.